

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085435.D
 Acq On : 13 Jan 2025 18:42
 Operator : JC\MD
 Sample : VN0113WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBSD01

Quant Time: Jan 13 20:46:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2025
 Supervised By : Mahesh Dadoda 01/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	177883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158135	62.329	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.660%
35) Dibromofluoromethane	8.165	113	113985	59.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.880%
50) Toluene-d8	10.565	98	426516	60.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	121.240%#
62) 4-Bromofluorobenzene	12.847	95	144353	61.772	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	123.540%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49548	20.596	ug/l	98
3) Chloromethane	2.360	50	51966	19.219	ug/l	99
4) Vinyl Chloride	2.512	62	52379	18.317	ug/l	93
5) Bromomethane	2.959	94	31166	16.665	ug/l	94
6) Chloroethane	3.124	64	32928	18.157	ug/l	98
7) Trichlorofluoromethane	3.501	101	77478	20.611	ug/l	95
8) Diethyl Ether	3.965	74	24522	19.702	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.377	101	43851	20.502	ug/l	96
10) Methyl Iodide	4.589	142	47944	19.370	ug/l #	88
11) Tert butyl alcohol	5.512	59	34458	108.461	ug/l	100
12) 1,1-Dichloroethene	4.342	96	39646	20.056	ug/l	98
13) Acrolein	4.183	56	48036	96.981	ug/l	100
14) Allyl chloride	5.030	41	62300	19.692	ug/l	96
15) Acrylonitrile	5.718	53	109656	109.665	ug/l	99
16) Acetone	4.424	43	94331	113.070	ug/l	100
17) Carbon Disulfide	4.712	76	114304	19.008	ug/l	97
18) Methyl Acetate	5.024	43	59655	23.356	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	128370	19.980	ug/l	98
20) Methylene Chloride	5.277	84	46217	20.596	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	41816	20.251	ug/l	95
22) Diisopropyl ether	6.665	45	145645	21.363	ug/l	95
23) Vinyl Acetate	6.600	43	517161	104.860	ug/l	99
24) 1,1-Dichloroethane	6.559	63	85480	20.814	ug/l	97
25) 2-Butanone	7.483	43	147243	113.764	ug/l	96
26) 2,2-Dichloropropane	7.489	77	74654	20.749	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	48764	20.120	ug/l	94
28) Bromochloromethane	7.812	49	39732	20.819	ug/l #	99
29) Tetrahydrofuran	7.836	42	98111	117.679	ug/l	98
30) Chloroform	7.965	83	88000	20.945	ug/l	95
31) Cyclohexane	8.253	56	73282	19.542	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	79325	21.141	ug/l	94
36) 1,1-Dichloropropene	8.371	75	59866	21.323	ug/l	98
37) Ethyl Acetate	7.559	43	62198	22.289	ug/l	99
38) Carbon Tetrachloride	8.359	117	67741	22.136	ug/l	95
39) Methylcyclohexane	9.600	83	57397	19.704	ug/l	97
40) Benzene	8.606	78	184900	21.783	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085435.D
 Acq On : 13 Jan 2025 18:42
 Operator : JC\MD
 Sample : VN0113WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2025
 Supervised By : Mahesh Dadoda 01/14/2025

Quant Time: Jan 13 20:46:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32326	22.619	ug/l	98
42) 1,2-Dichloroethane	8.671	62	71654	23.544	ug/l	100
43) Isopropyl Acetate	8.683	43	98701	21.481	ug/l	99
44) Trichloroethene	9.347	130	39891	19.850	ug/l	97
45) 1,2-Dichloropropane	9.618	63	46770	21.705	ug/l	99
46) Dibromomethane	9.706	93	33571	22.401	ug/l	99
47) Bromodichloromethane	9.888	83	68889	22.117	ug/l	99
48) Methyl methacrylate	9.677	41	48444	24.298	ug/l	94
49) 1,4-Dioxane	9.694	88	14434	479.823	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	314709	121.878	ug/l	99
52) Toluene	10.630	92	111838	22.127	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	65398	21.350	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	70985	21.431	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	42515	22.280	ug/l	96
56) Ethyl methacrylate	10.871	69	60730	21.852	ug/l	94
57) 1,3-Dichloropropane	11.159	76	76049	22.707	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	113873	84.689	ug/l	98
59) 2-Hexanone	11.194	43	223028	124.491	ug/l	99
60) Dibromochloromethane	11.359	129	49732	23.139	ug/l	99
61) 1,2-Dibromoethane	11.465	107	41842	22.163	ug/l	99
64) Tetrachloroethene	11.106	164	36213	20.910	ug/l	92
65) Chlorobenzene	11.888	112	118532	20.069	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	43819	22.105	ug/l	97
67) Ethyl Benzene	11.959	91	198225	20.181	ug/l	99
68) m/p-Xylenes	12.071	106	151406	42.120	ug/l	97
69) o-Xylene	12.394	106	71416	20.538	ug/l	98
70) Styrene	12.412	104	120907	21.454	ug/l	99
71) Bromoform	12.576	173	31865	23.209	ug/l #	98
73) Isopropylbenzene	12.694	105	181068	19.858	ug/l	99
74) N-amyl acetate	12.494	43	80977	20.747	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	64454	22.194	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	50238m	21.217	ug/l	
77) Bromobenzene	12.976	156	45429	20.109	ug/l	97
78) n-propylbenzene	13.035	91	213759	20.111	ug/l	99
79) 2-Chlorotoluene	13.124	91	135739	20.292	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	154445	20.940	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19866	20.092	ug/l	94
82) 4-Chlorotoluene	13.218	91	137197	20.365	ug/l	98
83) tert-Butylbenzene	13.435	119	120602	18.877	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	153838	20.947	ug/l	100
85) sec-Butylbenzene	13.612	105	174375	19.663	ug/l	100
86) p-Isopropyltoluene	13.729	119	141848	18.687	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	82418	20.125	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	81409	19.352	ug/l	98
89) n-Butylbenzene	14.053	91	117129	18.037	ug/l	98
90) Hexachloroethane	14.329	117	30193	20.771	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	80654	20.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11124	21.523	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	34414	17.675	ug/l	99
94) Hexachlorobutadiene	15.500	225	17732	18.329	ug/l	95
95) Naphthalene	15.641	128	103036	15.606	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35758	18.381	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
Data File : VN085435.D
Acq On : 13 Jan 2025 18:42
Operator : JC\MD
Sample : VN0113WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

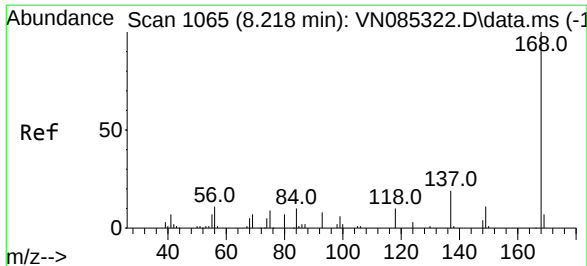
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

Quant Time: Jan 13 20:46:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration

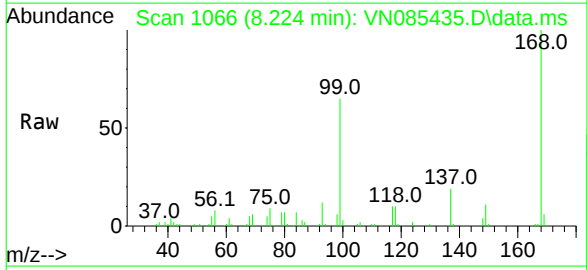
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

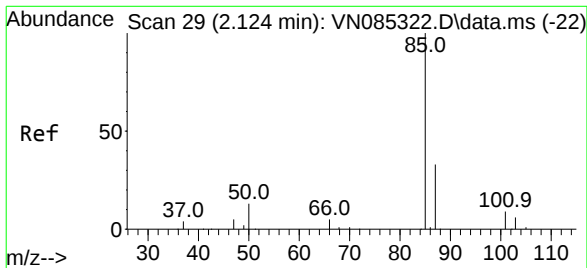
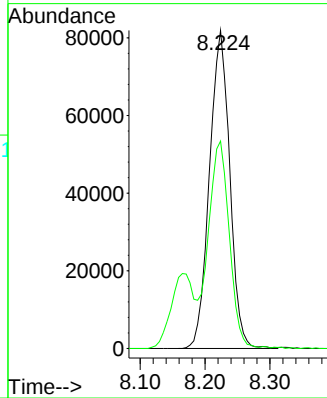
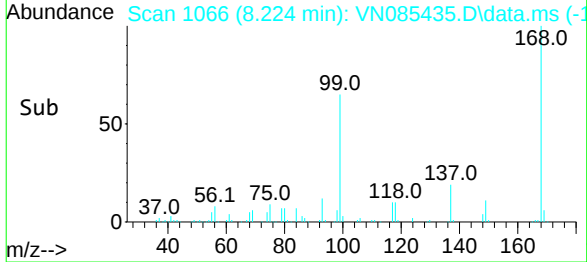
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



Tgt Ion:168 Resp: 177883
Ion Ratio Lower Upper
168 100
99 64.9 51.0 76.4

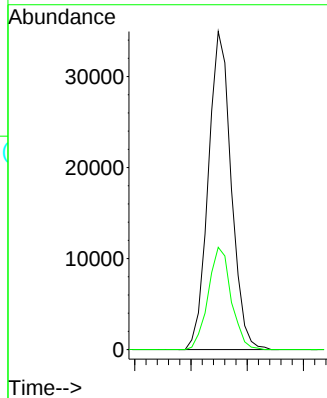
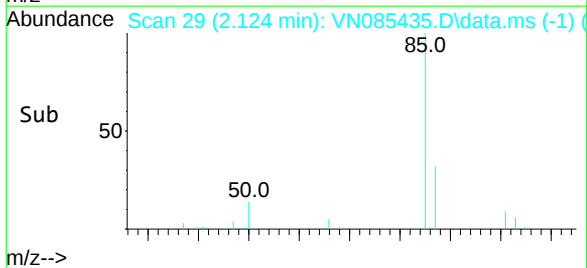
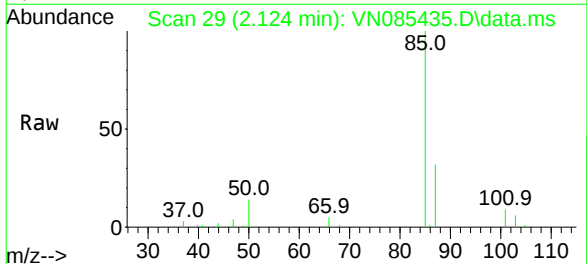
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

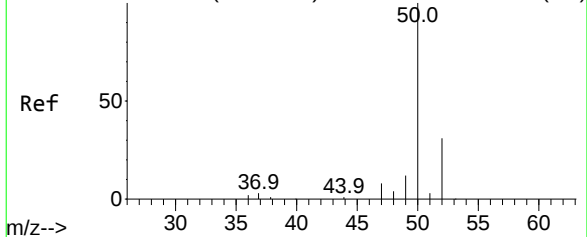


#2
Dichlorodifluoromethane
Concen: 20.596 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 85 Resp: 49548
Ion Ratio Lower Upper
85 100
87 32.2 16.8 50.3



Abundance Scan 69 (2.359 min): VN085322.D\data.ms (-62)



#3

Chloromethane

Concen: 19.219 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBSD01

Tgt Ion: 50 Resp: 51966

Ion Ratio Lower Upper

50 100

52 31.8 25.1 37.7

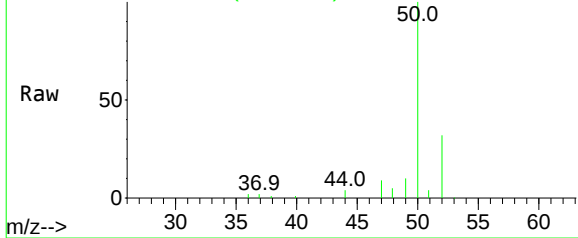
Manual Integrations

APPROVED

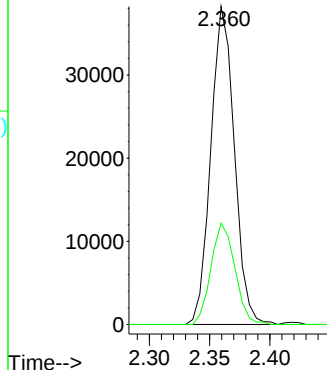
Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025

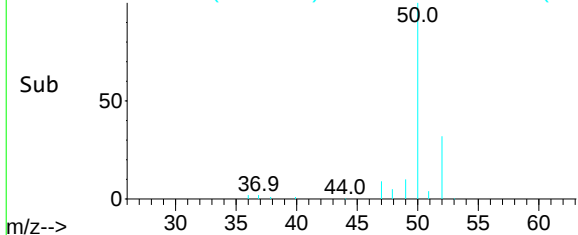
Abundance Scan 69 (2.360 min): VN085435.D\data.ms



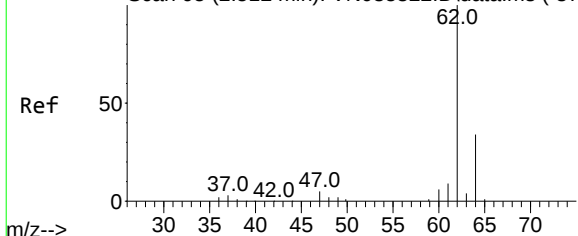
Abundance



Abundance Scan 69 (2.360 min): VN085435.D\data.ms (-18)



Abundance Scan 95 (2.512 min): VN085322.D\data.ms (-87)



#4

Vinyl Chloride

Concen: 18.317 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

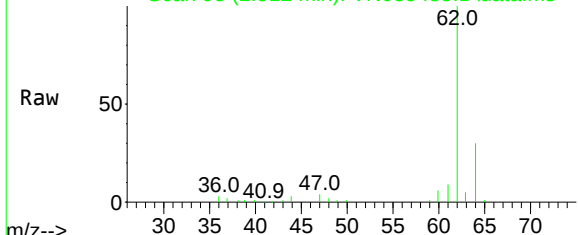
Tgt Ion: 62 Resp: 52379

Ion Ratio Lower Upper

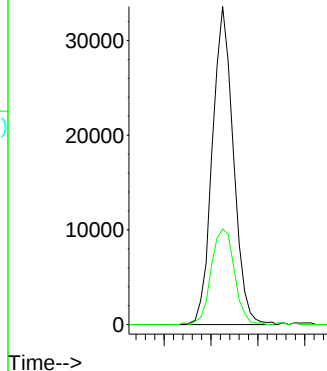
62 100

64 30.1 27.0 40.6

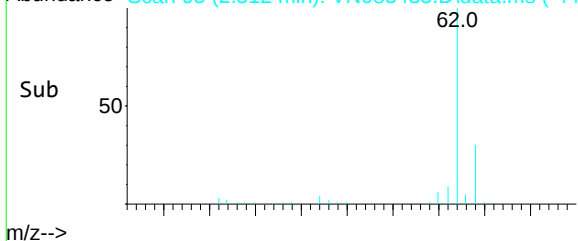
Abundance Scan 95 (2.512 min): VN085435.D\data.ms

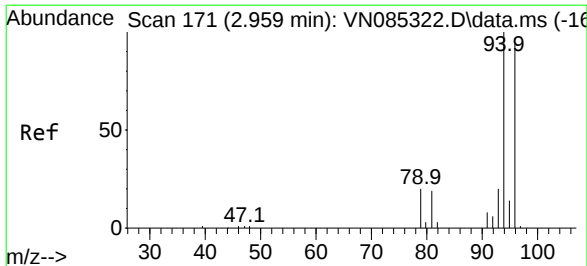


Abundance



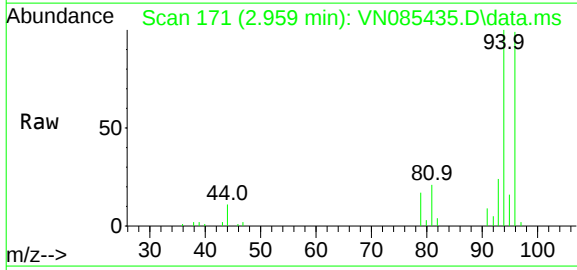
Abundance Scan 95 (2.512 min): VN085435.D\data.ms (-44)





#5
Bromomethane
Concen: 16.665 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

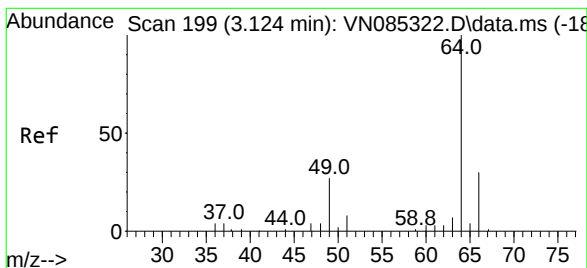
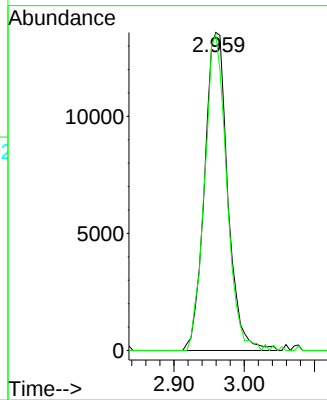
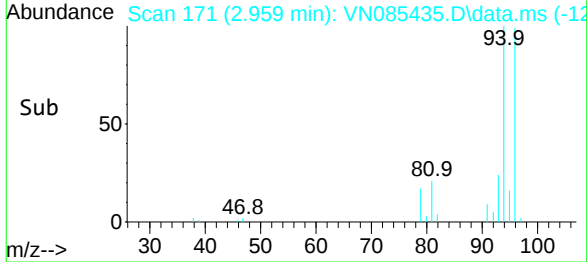
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



Tgt Ion: 94 Resp: 31166
Ion Ratio Lower Upper
94 100
96 99.3 75.2 112.8

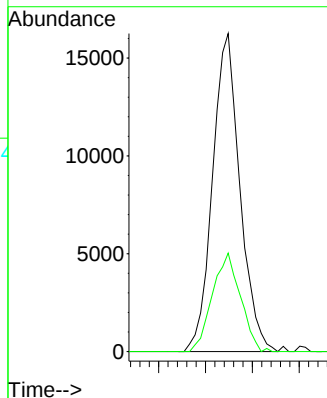
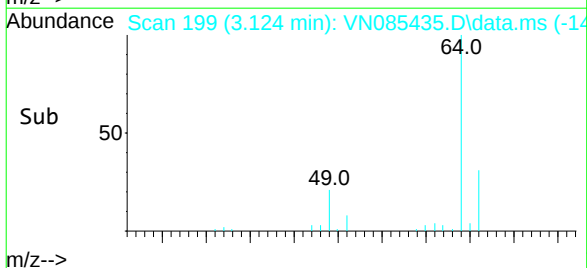
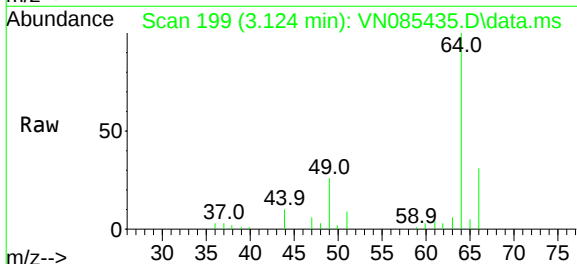
Manual Integrations
APPROVED

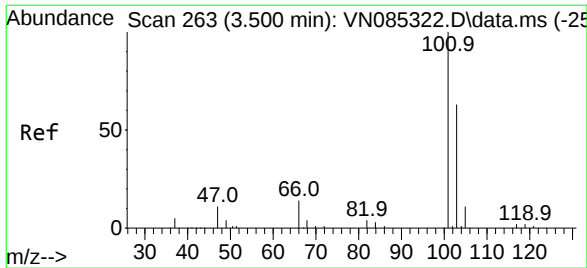
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#6
Chloroethane
Concen: 18.157 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

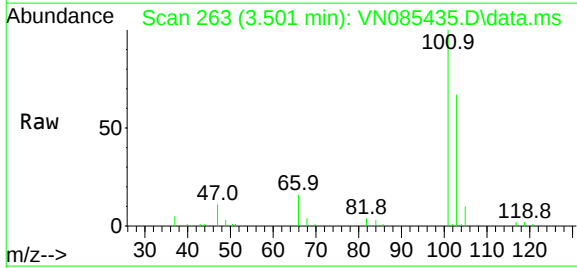
Tgt Ion: 64 Resp: 32928
Ion Ratio Lower Upper
64 100
66 31.0 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 20.611 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

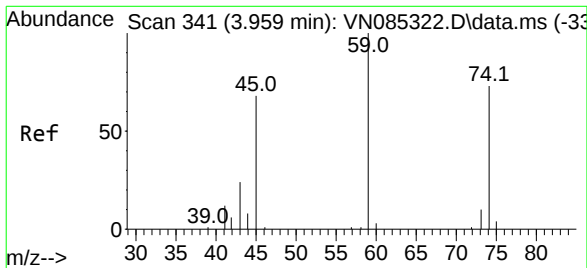
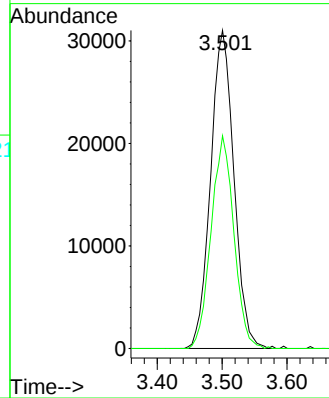
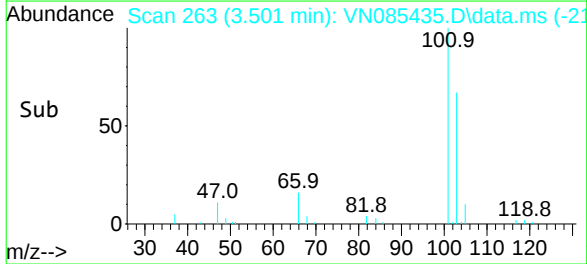
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBSD01



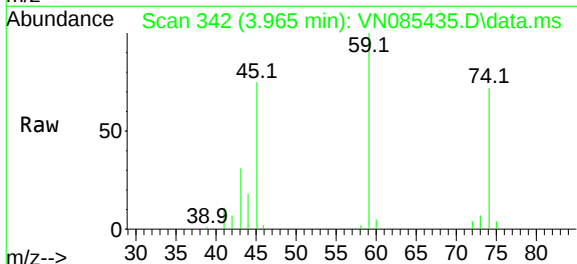
Tgt Ion: 101 Resp: 77478
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.3 75.5

Manual Integrations
 APPROVED

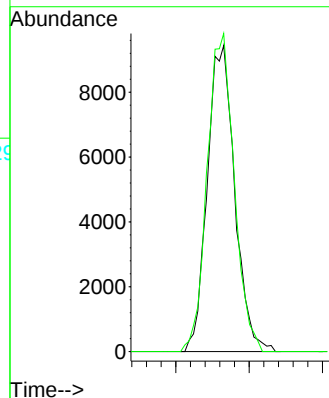
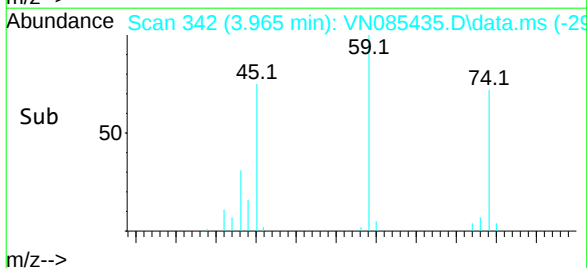
Reviewed By : John Carlone 01/14/2025
 Supervised By : Mahesh Dadoda 01/14/2025

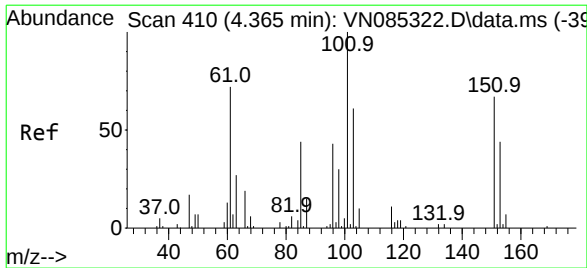


#8
 Diethyl Ether
 Concen: 19.702 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42



Tgt Ion: 74 Resp: 24522
 Ion Ratio Lower Upper
 74 100
 45 102.3 47.5 142.6





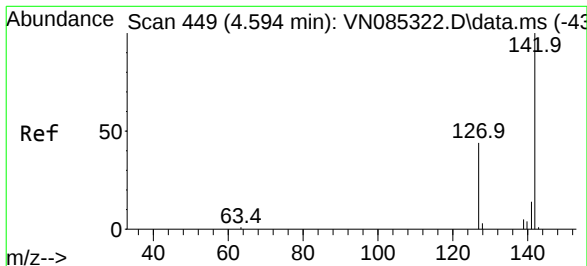
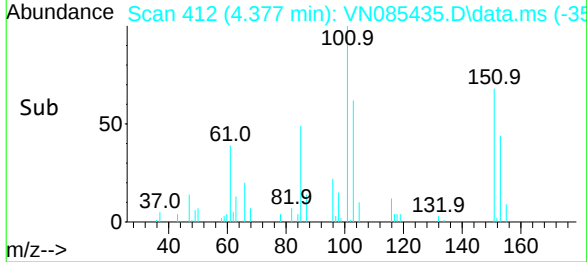
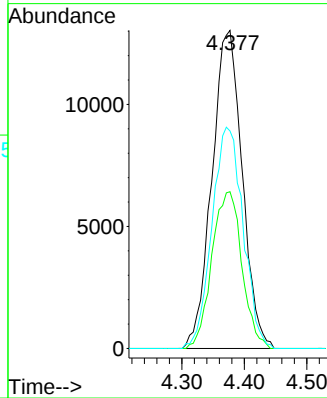
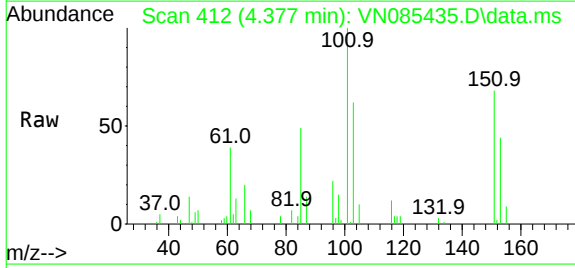
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.502 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion:101 Resp: 43851
Ion Ratio Lower Upper
101 100
85 48.9 36.2 54.4
151 71.6 55.8 83.6

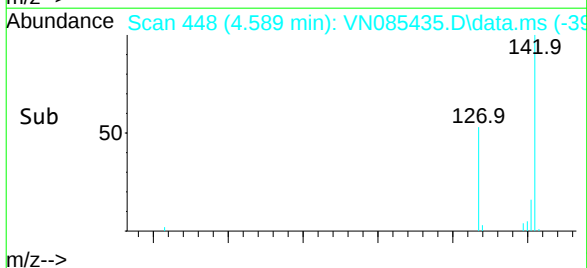
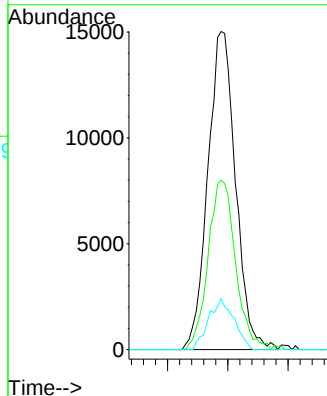
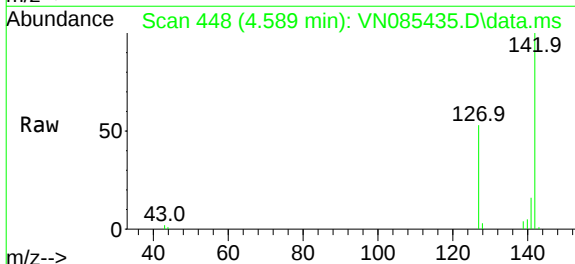
Manual Integrations
APPROVED

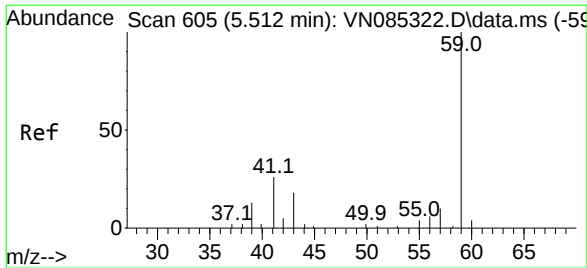
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#10
Methyl Iodide
Concen: 19.370 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion:142 Resp: 47944
Ion Ratio Lower Upper
142 100
127 53.3 35.3 52.9#
141 16.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 108.461 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBSD01

Tgt Ion: 59 Resp: 34458

Ion Ratio Lower Upper

59 100

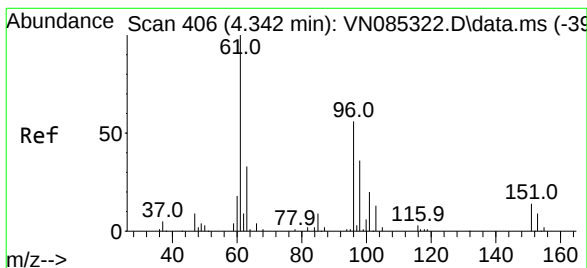
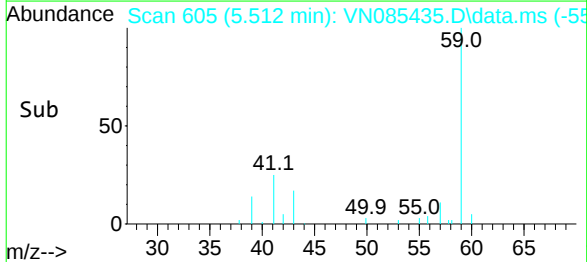
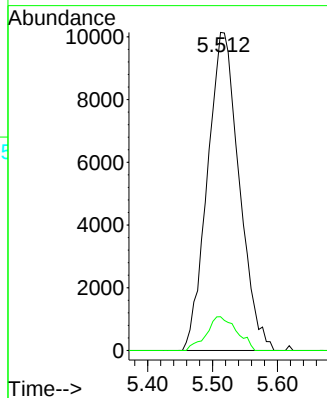
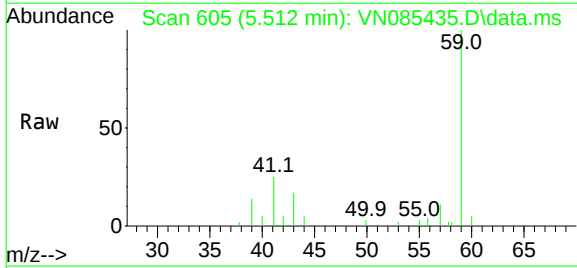
57 10.2 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#12

1,1-Dichloroethene

Concen: 20.056 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

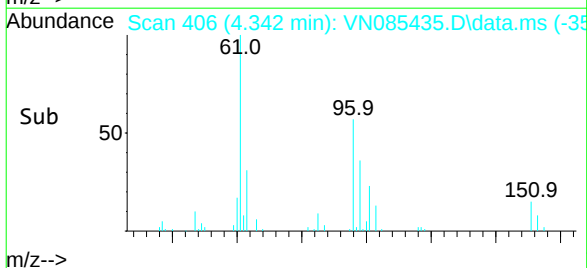
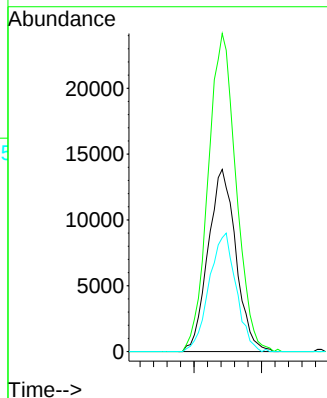
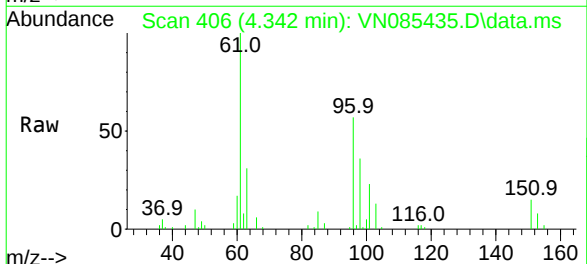
Tgt Ion: 96 Resp: 39646

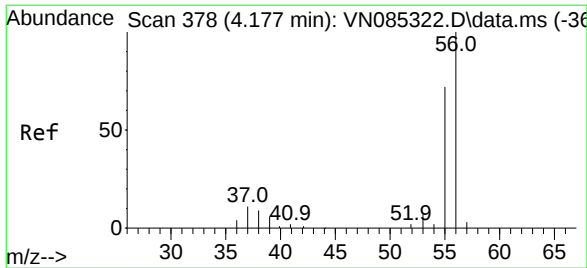
Ion Ratio Lower Upper

96 100

61 174.6 142.4 213.6

98 62.5 51.5 77.3





#13

Acrolein

Concen: 96.981 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBSD01

Tgt Ion: 56 Resp: 48036

Ion Ratio Lower Upper

56 100

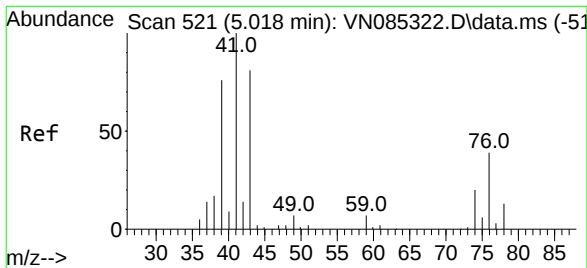
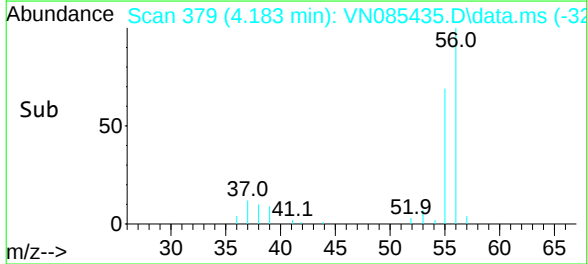
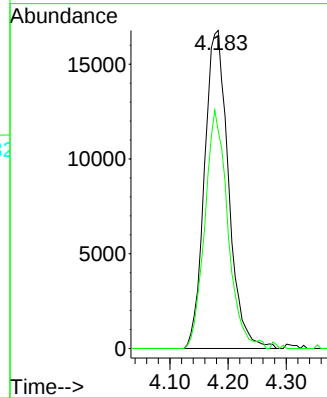
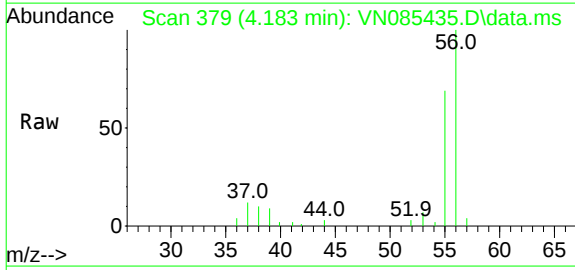
55 71.9 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#14

Allyl chloride

Concen: 19.692 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

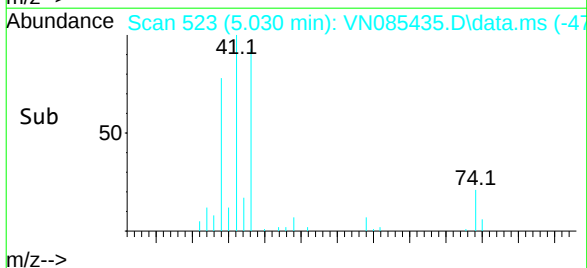
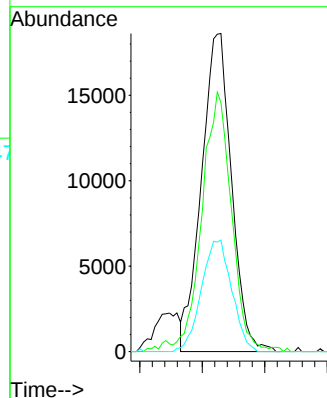
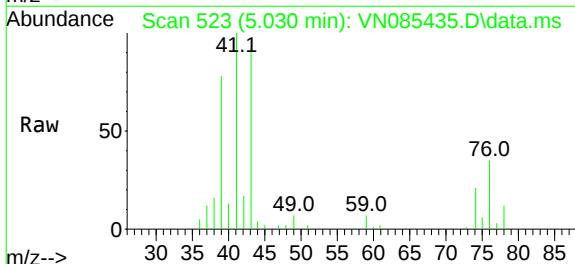
Tgt Ion: 41 Resp: 62300

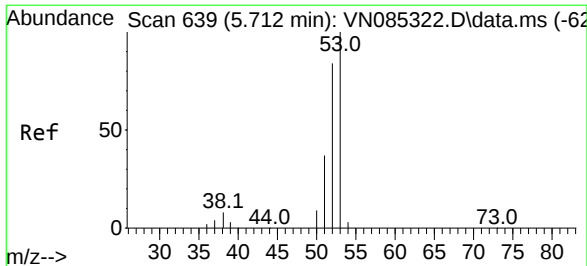
Ion Ratio Lower Upper

41 100

39 77.6 64.4 96.6

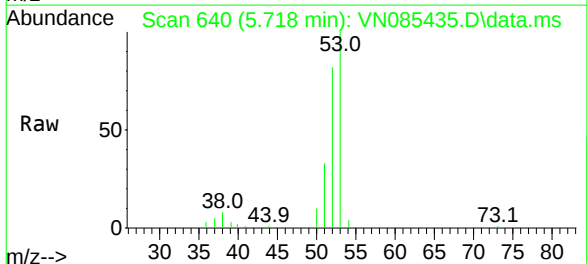
76 35.3 31.5 47.3





#15
Acrylonitrile
Concen: 109.665 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

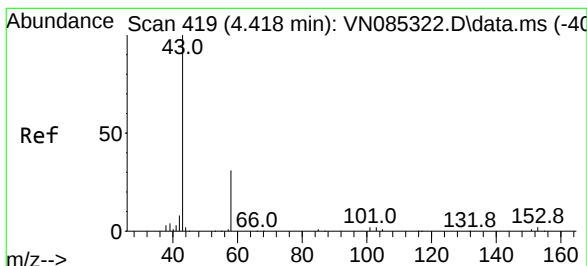
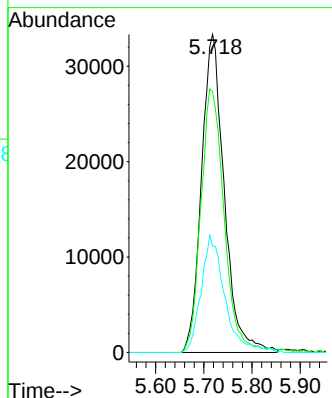
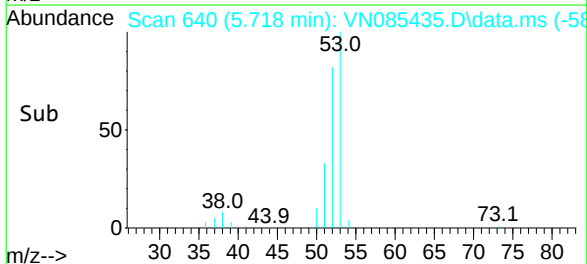
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



Tgt Ion: 53 Resp: 109656
Ion Ratio Lower Upper
53 100
52 84.3 66.6 100.0
51 38.3 29.6 44.4

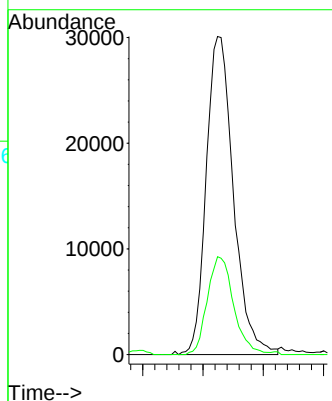
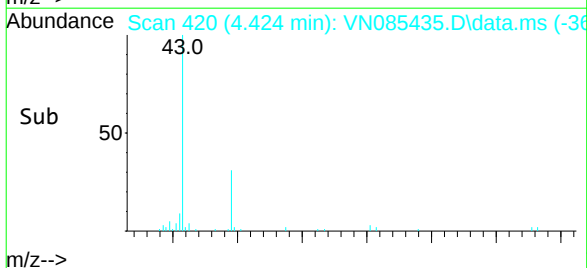
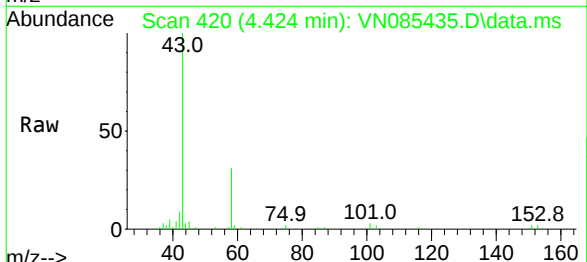
Manual Integrations
APPROVED

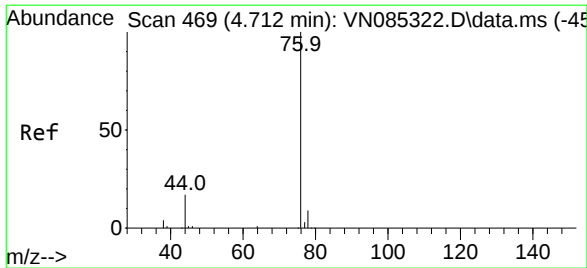
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#16
Acetone
Concen: 113.070 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

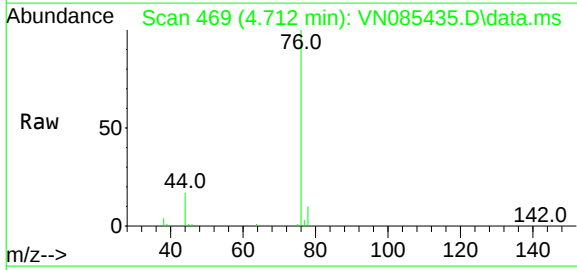
Tgt Ion: 43 Resp: 94331
Ion Ratio Lower Upper
43 100
58 30.8 24.5 36.7





#17
Carbon Disulfide
Concen: 19.008 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

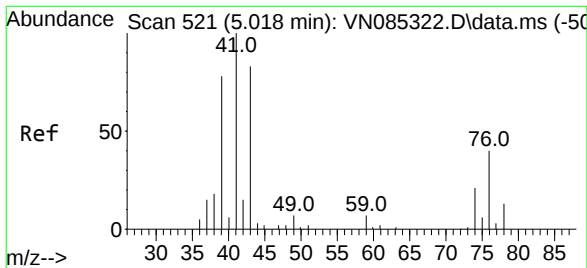
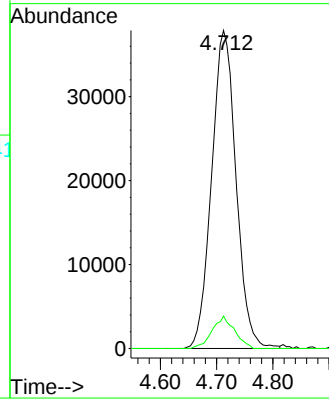
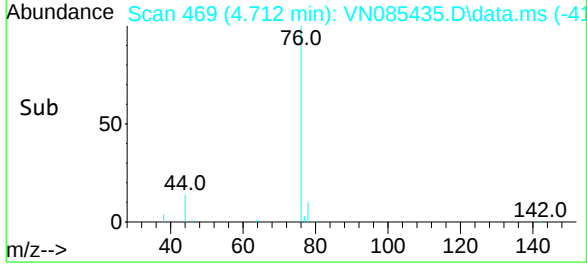
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



Tgt Ion: 76 Resp: 114304
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8

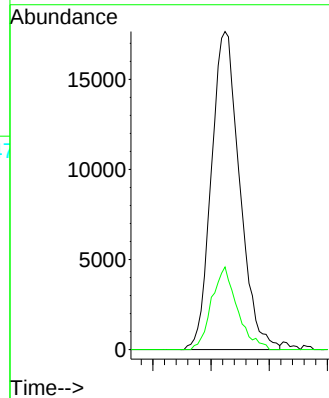
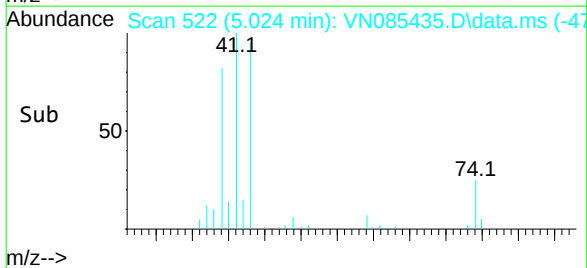
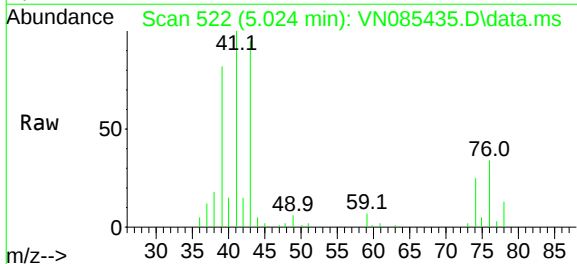
Manual Integrations
APPROVED

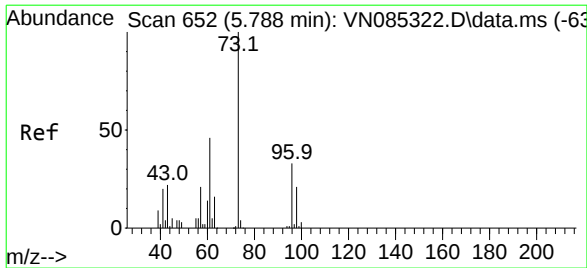
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#18
Methyl Acetate
Concen: 23.356 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 43 Resp: 59655
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 19.980 ug/l

RT: 5.795 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBSD01

Tgt Ion: 73 Resp: 128370

Ion Ratio Lower Upper

73 100

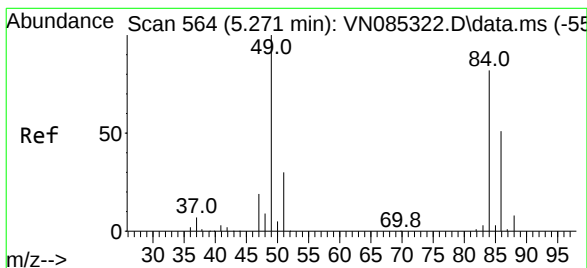
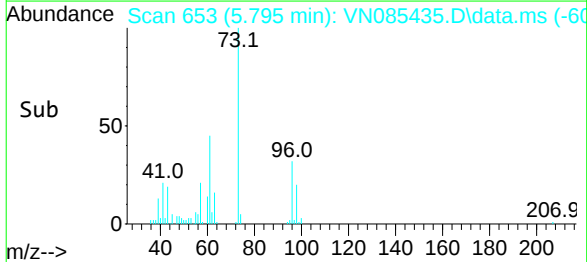
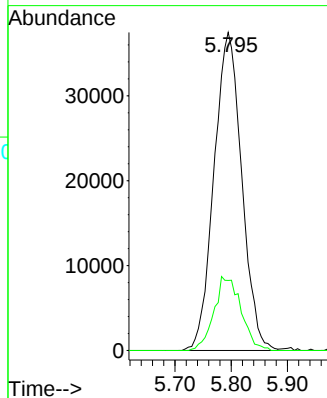
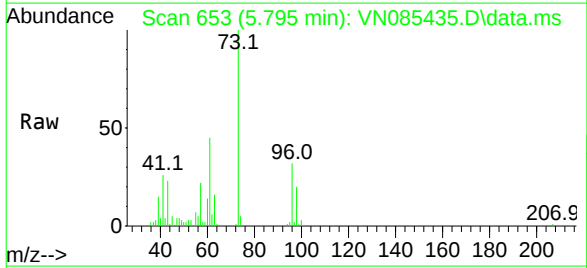
57 22.0 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#20

Methylene Chloride

Concen: 20.596 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion: 84 Resp: 46217

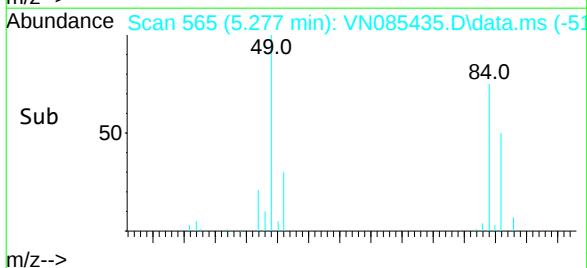
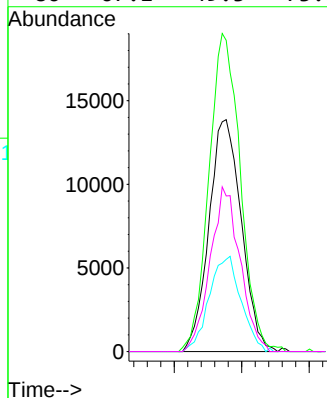
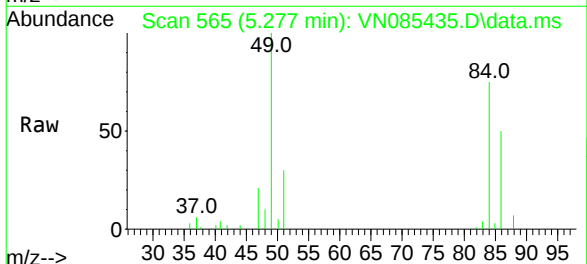
Ion Ratio Lower Upper

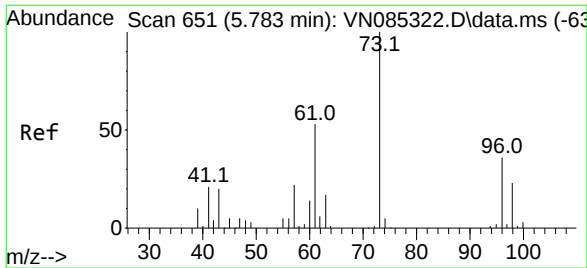
84 100

49 134.2 97.6 146.4

51 39.8 29.1 43.7

86 67.1 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 20.251 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBSD01

Tgt Ion: 96 Resp: 41816

Ion Ratio Lower Upper

96 100

61 152.4 118.0 177.0

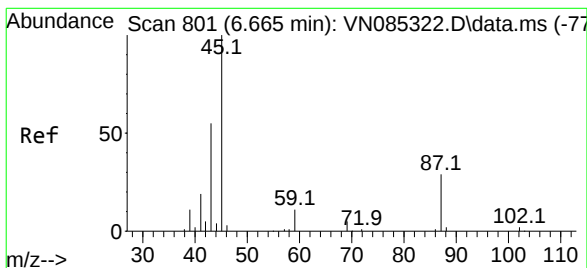
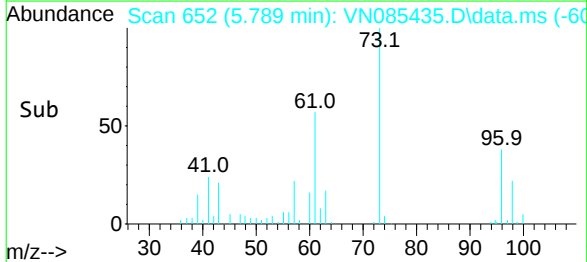
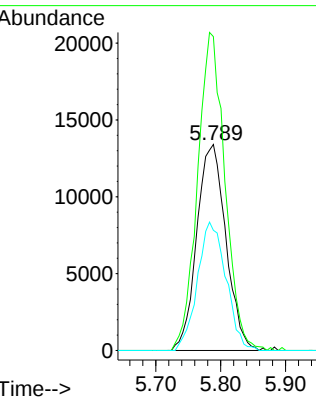
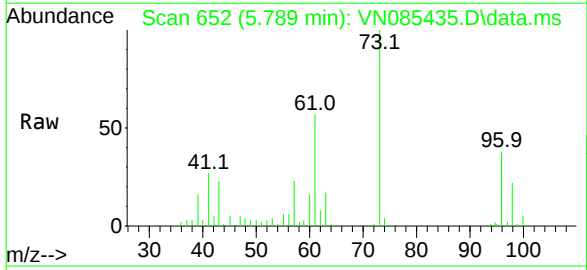
98 58.3 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#22

Diisopropyl ether

Concen: 21.363 ug/l

RT: 6.665 min Scan# 801

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion: 45 Resp: 145645

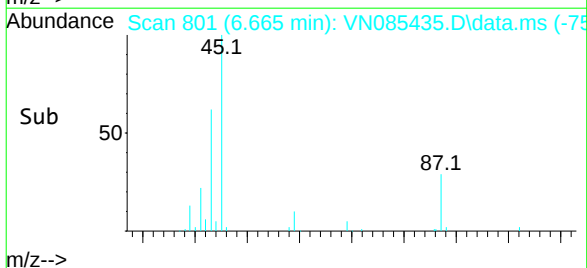
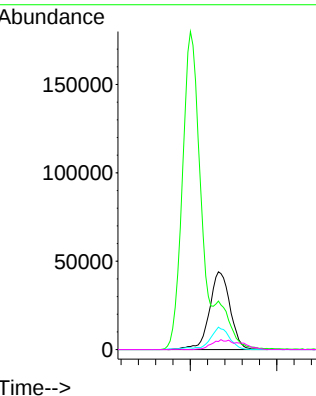
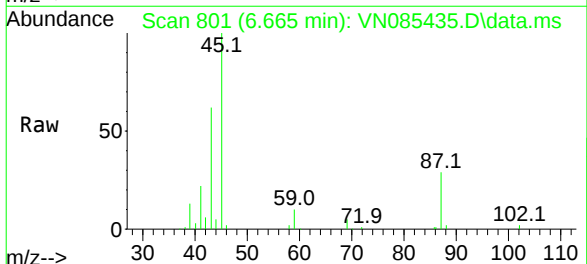
Ion Ratio Lower Upper

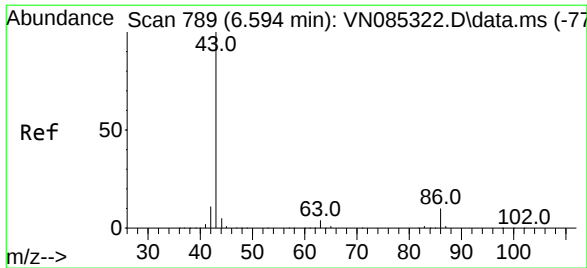
45 100

43 60.8 44.1 66.1

87 28.8 23.2 34.8

59 10.4 9.0 13.6





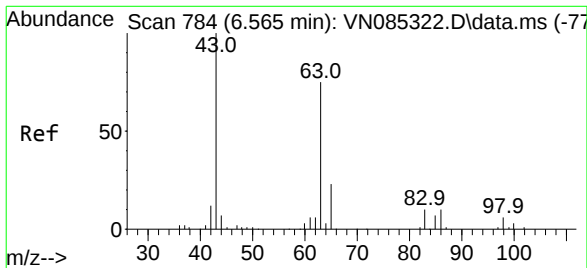
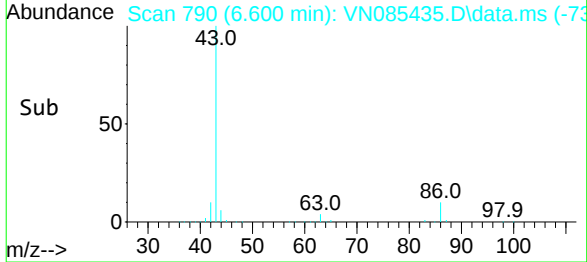
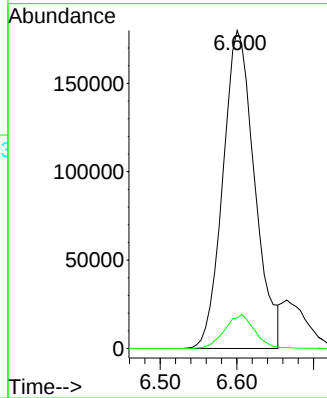
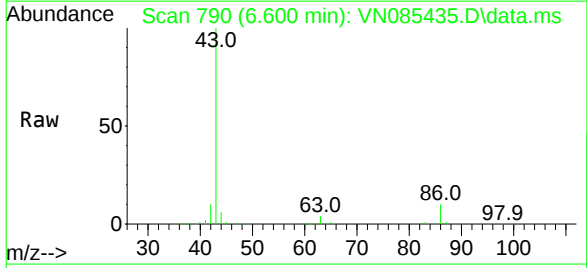
#23
 Vinyl Acetate
 Concen: 104.860 ug/l
 RT: 6.600 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBSD01

Tgt Ion: 43 Resp: 517161
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.0 12.0

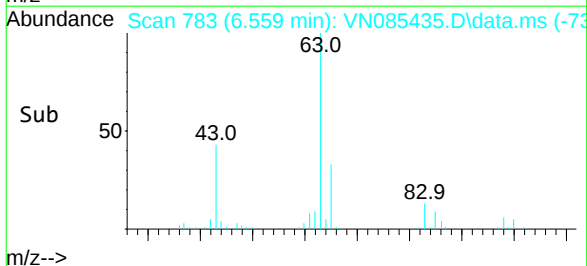
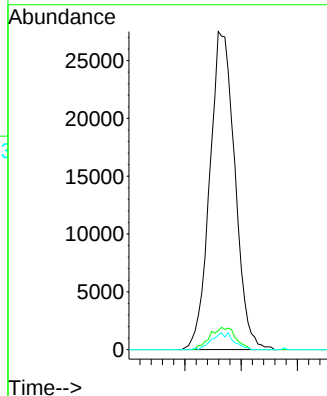
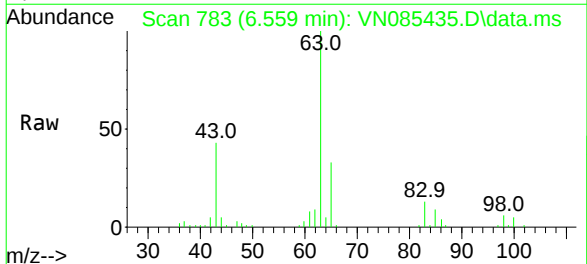
Manual Integrations
 APPROVED

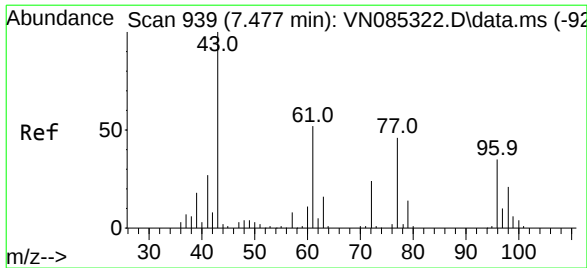
Reviewed By :John Carlone 01/14/2025
 Supervised By :Mahesh Dadoda 01/14/2025



#24
 1,1-Dichloroethane
 Concen: 20.814 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

Tgt Ion: 63 Resp: 85480
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.7 11.1
 100 4.5 2.3 6.8





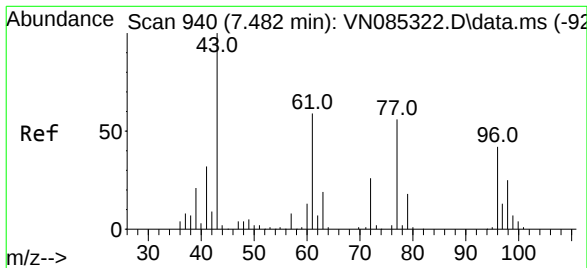
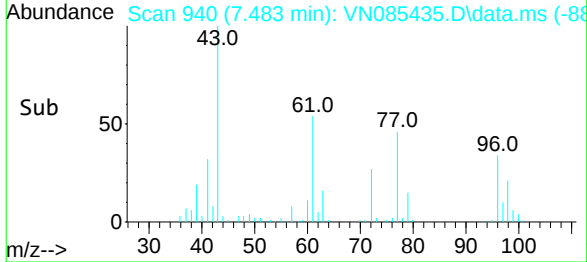
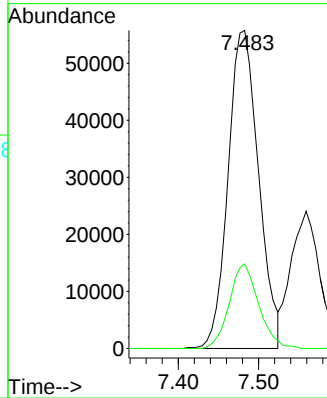
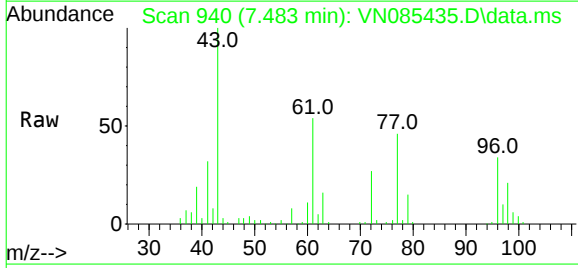
#25
2-Butanone
Concen: 113.764 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion: 43 Resp: 147243
Ion Ratio Lower Upper
43 100
72 26.6 19.6 29.4

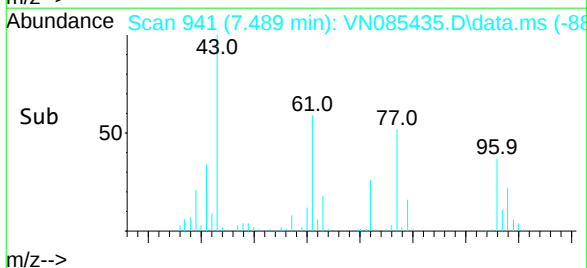
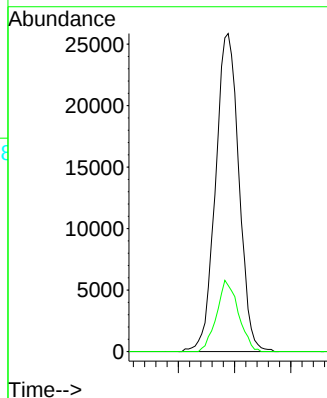
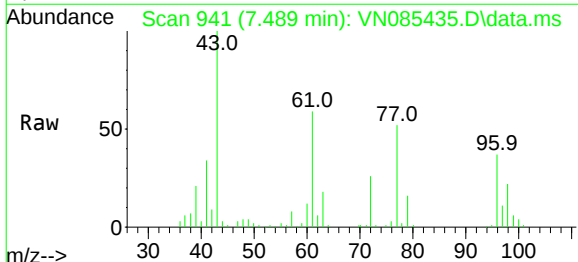
Manual Integrations
APPROVED

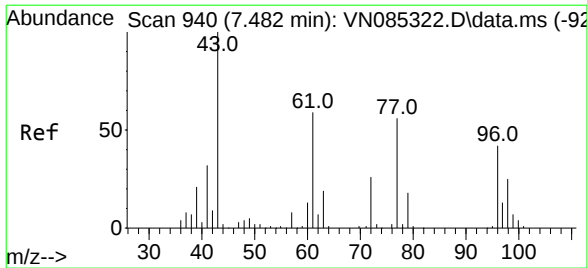
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#26
2,2-Dichloropropane
Concen: 20.749 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

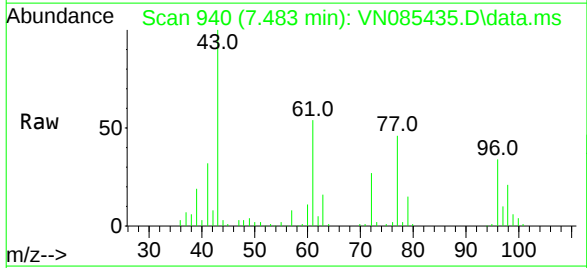
Tgt Ion: 77 Resp: 74654
Ion Ratio Lower Upper
77 100
97 20.8 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.120 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

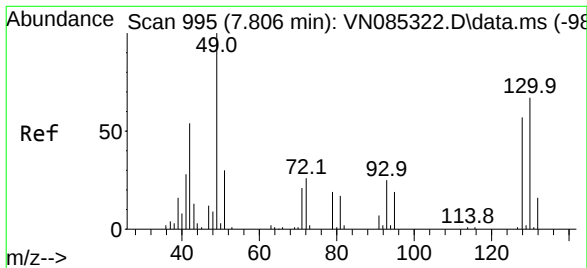
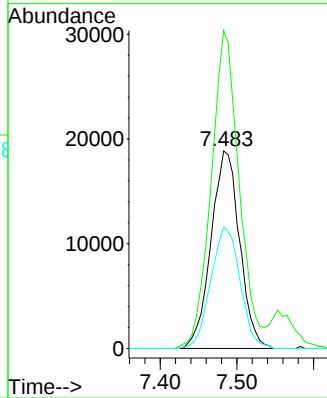
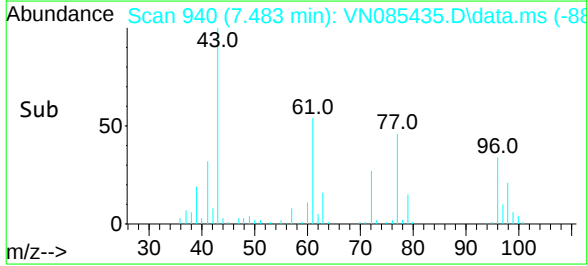
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBSD01



Tgt Ion: 96 Resp: 48764
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 296.4
 98 63.0 0.0 124.2

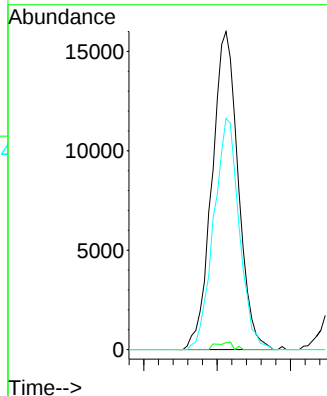
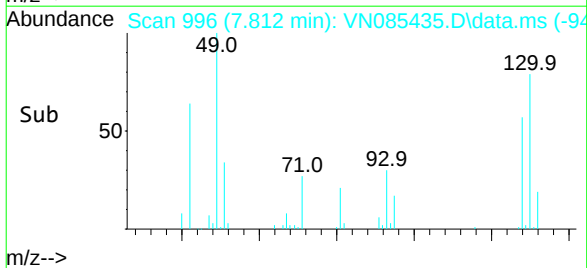
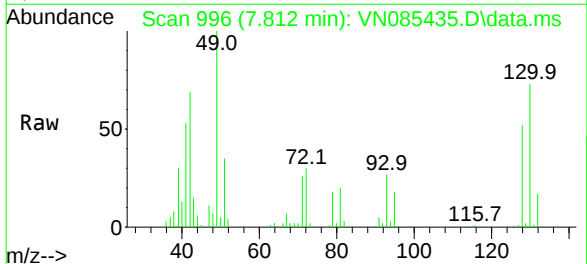
Manual Integrations
 APPROVED

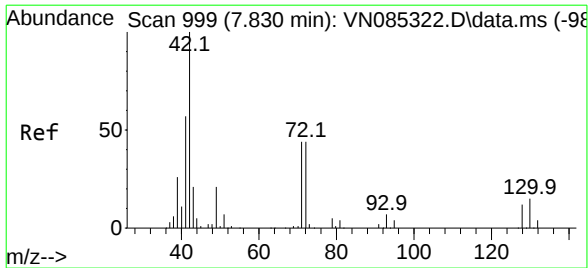
Reviewed By :John Carlone 01/14/2025
 Supervised By :Mahesh Dadoda 01/14/2025



#28
 Bromochloromethane
 Concen: 20.819 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

Tgt Ion: 49 Resp: 39732
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.0
 130 70.8 0.0 0.0#





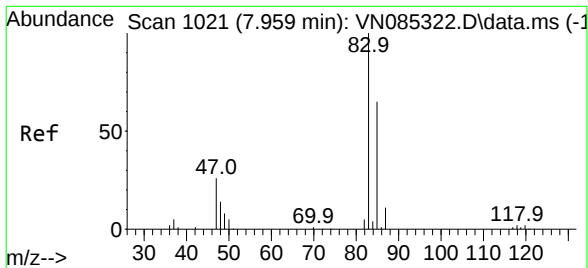
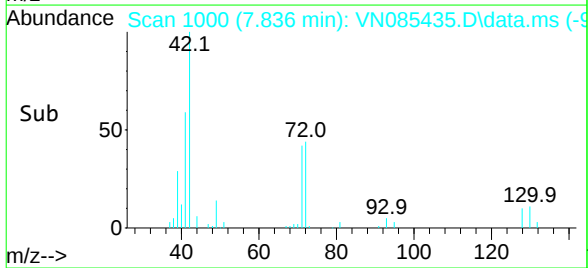
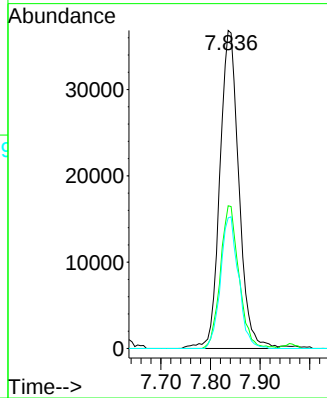
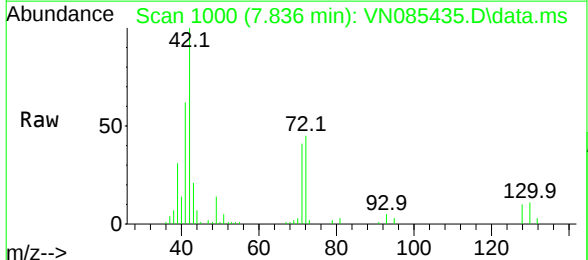
#29
Tetrahydrofuran
Concen: 117.679 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion: 42 Resp: 98111
Ion Ratio Lower Upper
42 100
72 43.8 35.1 52.7
71 39.2 33.4 50.0

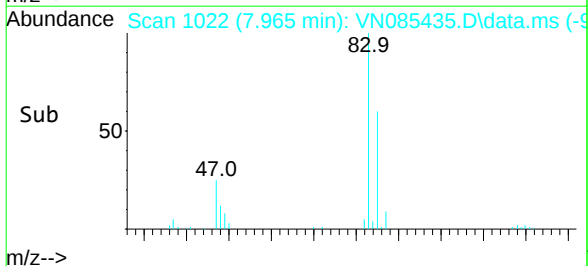
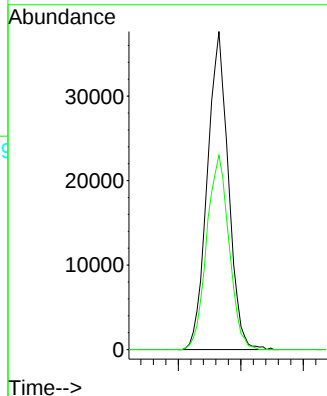
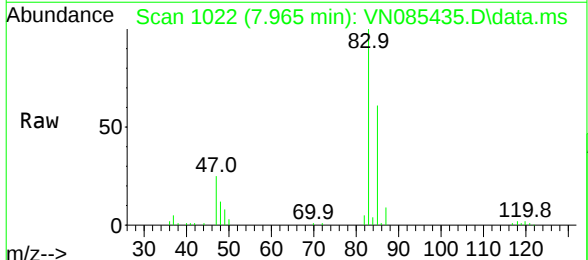
Manual Integrations
APPROVED

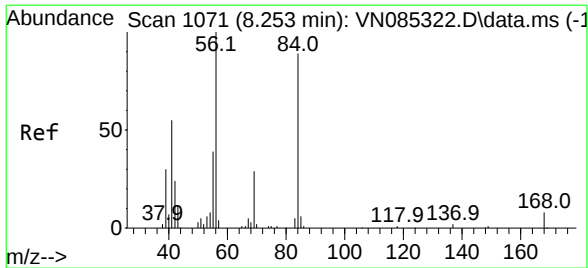
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#30
Chloroform
Concen: 20.945 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

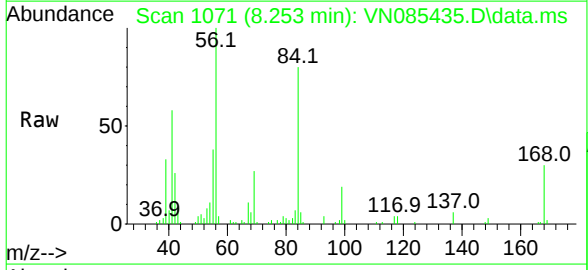
Tgt Ion: 83 Resp: 88000
Ion Ratio Lower Upper
83 100
85 61.1 52.0 78.0





#31
Cyclohexane
Concen: 19.542 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

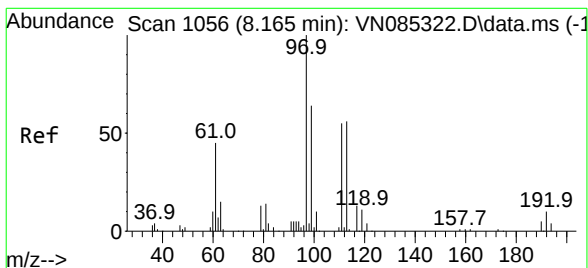
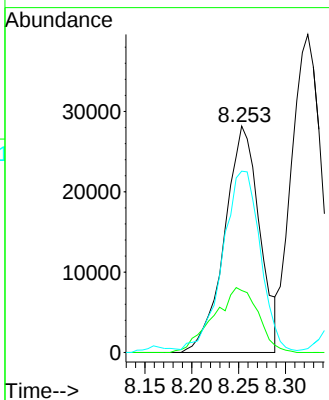
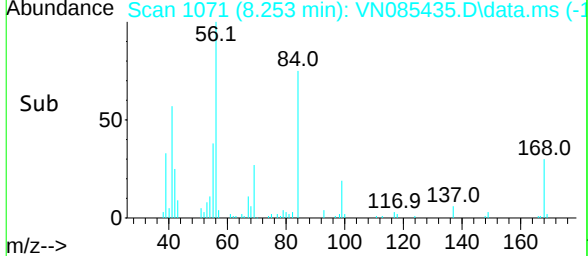
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



Tgt Ion	Ratio	Lower	Upper
56	100		
69	26.5	23.4	35.0
84	78.5	71.0	106.6

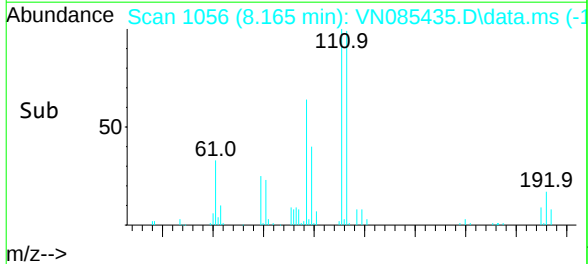
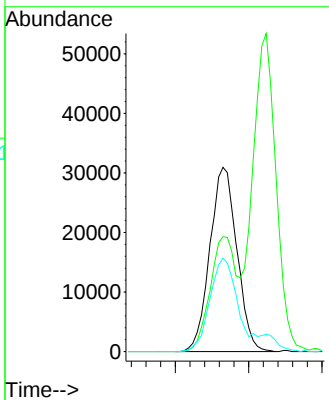
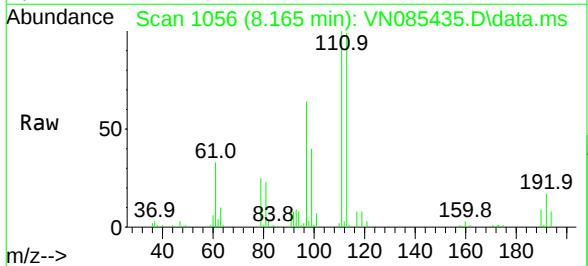
Manual Integrations
APPROVED

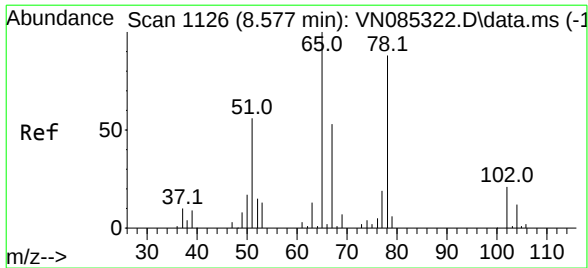
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#32
1,1,1-Trichloroethane
Concen: 21.141 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.2	53.3	79.9
61	52.4	39.6	59.4





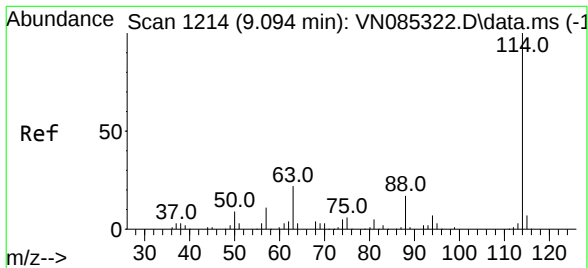
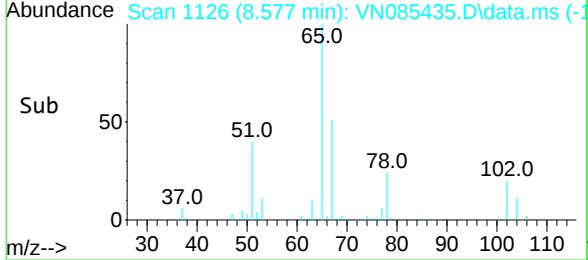
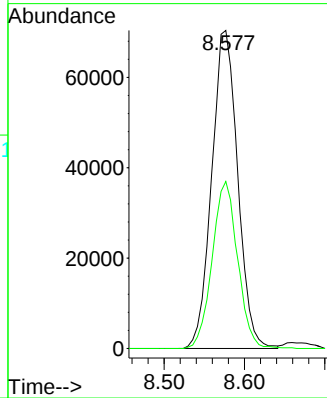
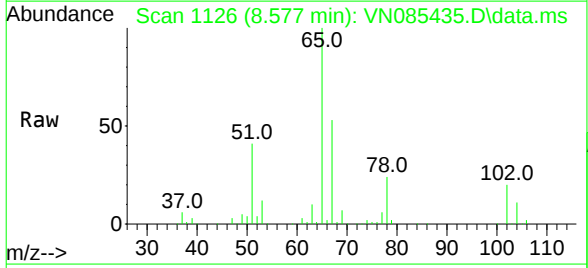
#33
1,2-Dichloroethane-d4
Concen: 62.329 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion: 65 Resp: 158135
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0

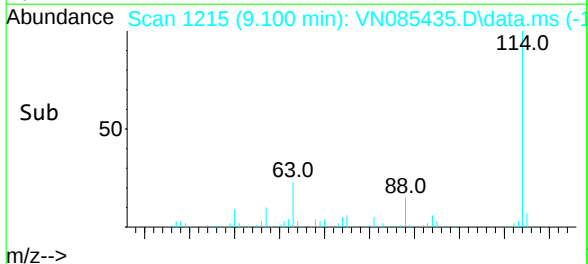
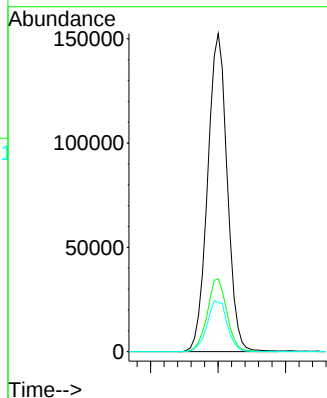
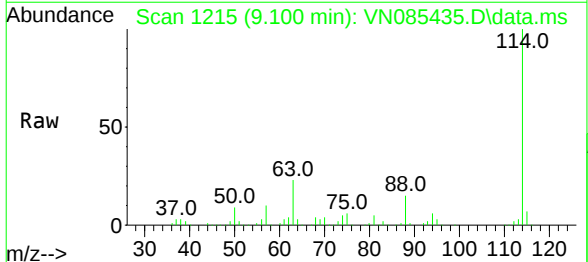
Manual Integrations
APPROVED

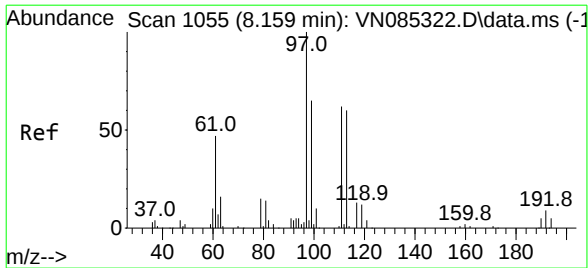
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

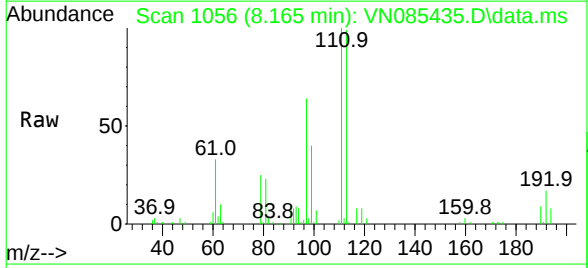
Tgt Ion:114 Resp: 307364
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.4
88 15.3 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 59.444 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

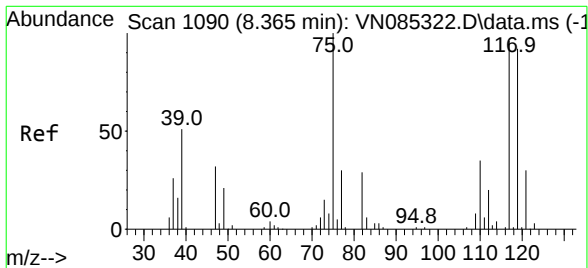
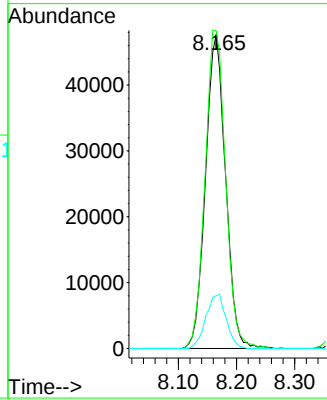
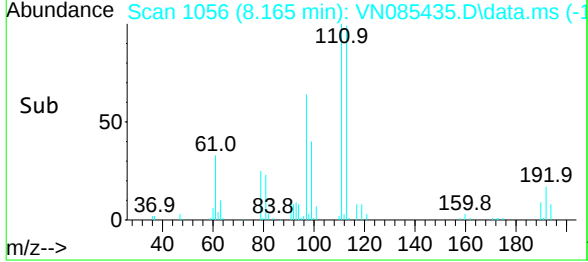
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBSD01



Tgt Ion:	113	Resp:	113985
Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.5	120.7
192	17.5	12.9	19.3

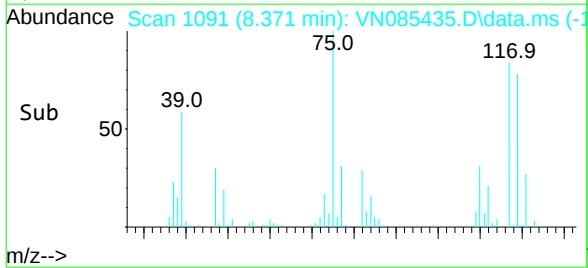
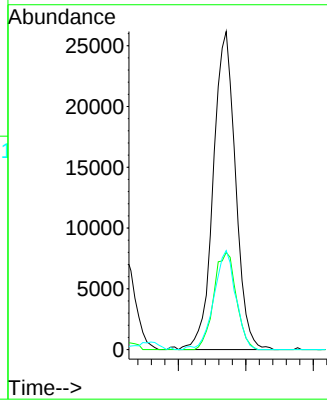
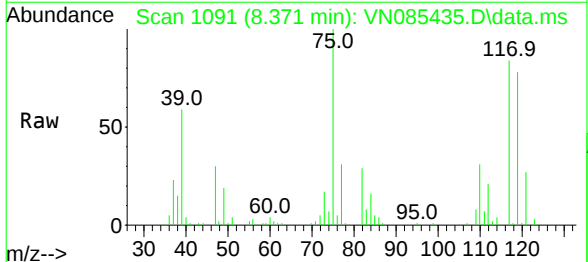
Manual Integrations
 APPROVED

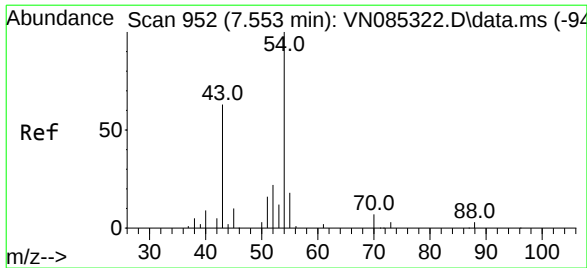
Reviewed By :John Carlone 01/14/2025
 Supervised By :Mahesh Dadoda 01/14/2025



#36
 1,1-Dichloropropene
 Concen: 21.323 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

Tgt Ion:	75	Resp:	59866
Ion	Ratio	Lower	Upper
75	100		
110	30.8	16.6	49.8
77	30.5	24.3	36.5





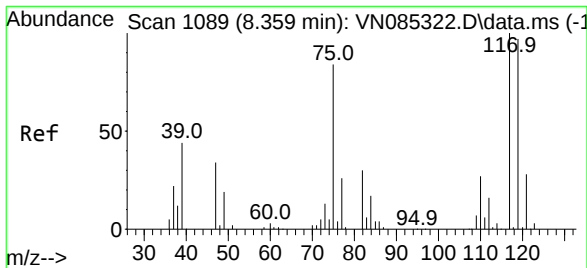
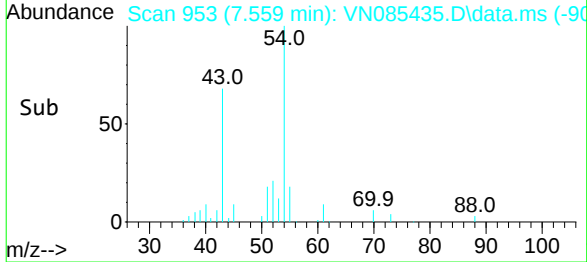
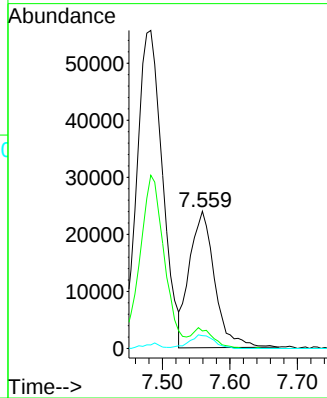
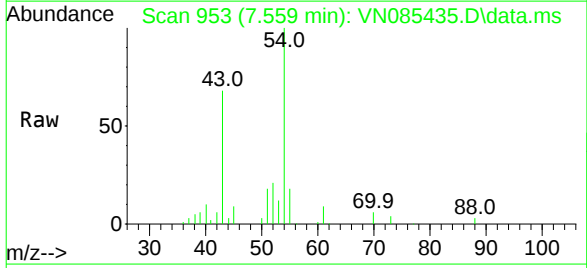
#37
Ethyl Acetate
Concen: 22.289 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion: 43 Resp: 62198
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 9.7 8.2 12.2

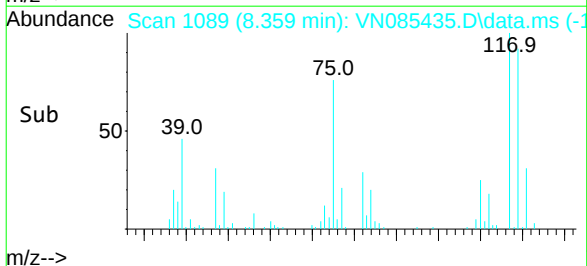
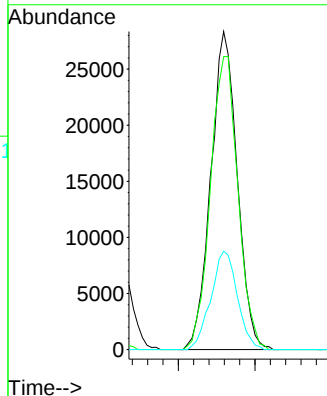
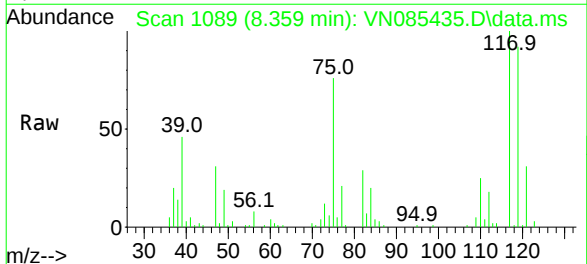
Manual Integrations
APPROVED

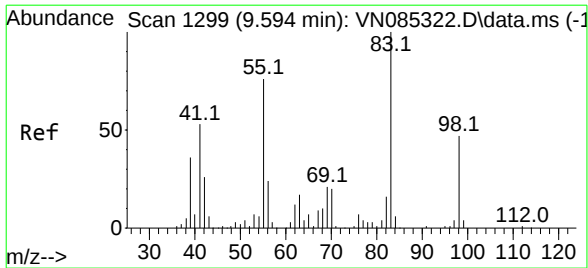
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#38
Carbon Tetrachloride
Concen: 22.136 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

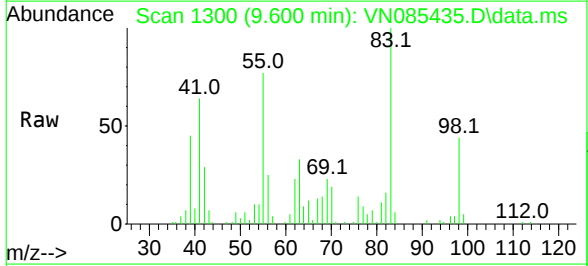
Tgt Ion:117 Resp: 67741
Ion Ratio Lower Upper
117 100
119 92.1 77.8 116.6
121 30.9 22.5 33.7





#39
Methylcyclohexane
Concen: 19.704 ug/l
RT: 9.600 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

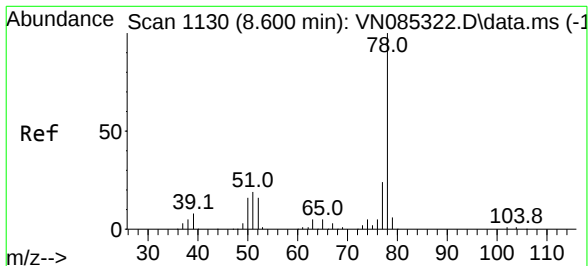
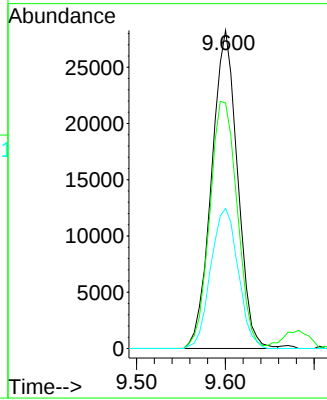
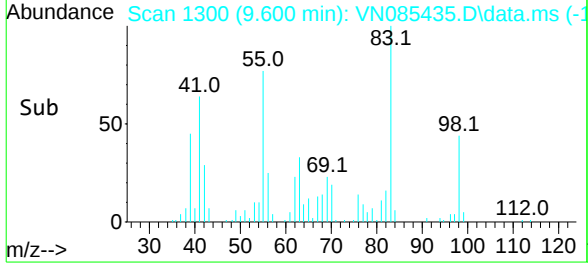
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



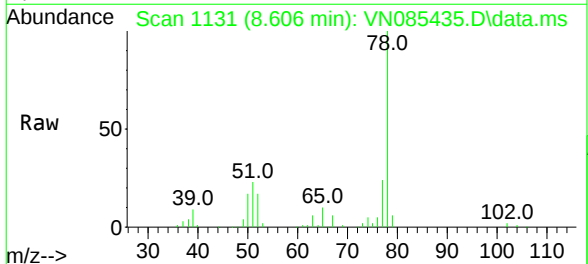
Tgt Ion: 83 Resp: 57397
Ion Ratio Lower Upper
83 100
55 77.2 60.7 91.1
98 44.0 37.7 56.5

Manual Integrations
APPROVED

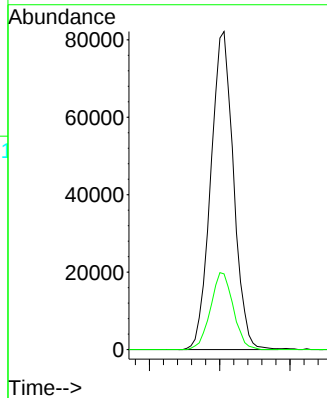
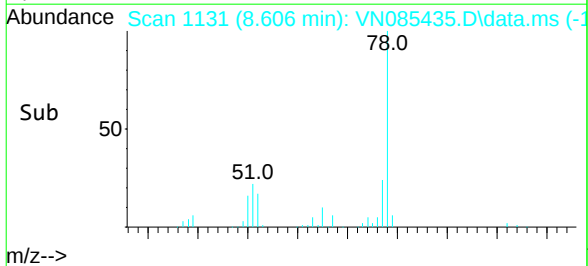
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

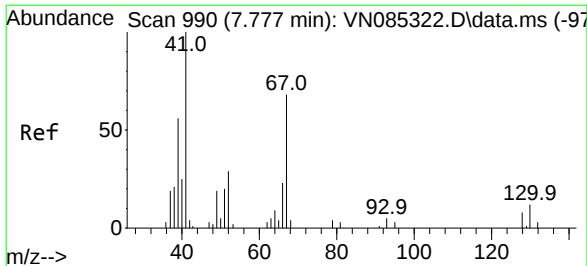


#40
Benzene
Concen: 21.783 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42



Tgt Ion: 78 Resp: 184900
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





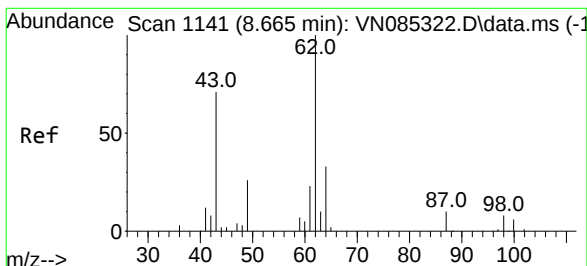
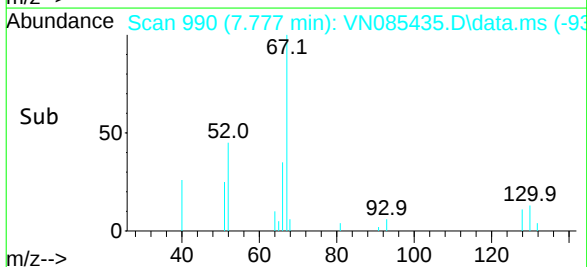
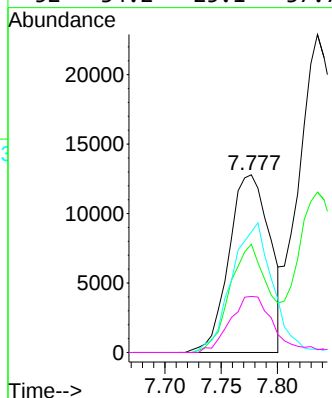
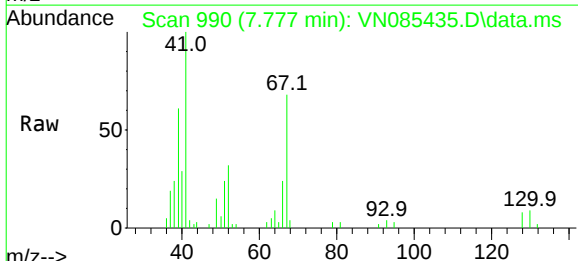
#41
Methacrylonitrile
Concen: 22.619 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion:	41	Resp:	32326
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.8	68.8
67	73.3	57.1	85.7
52	34.2	25.1	37.7

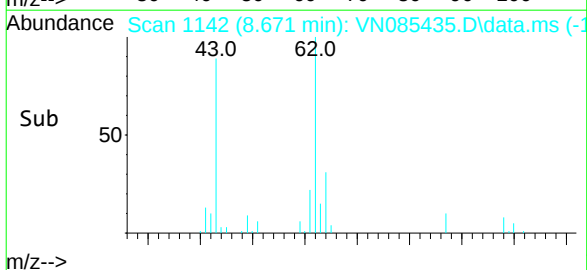
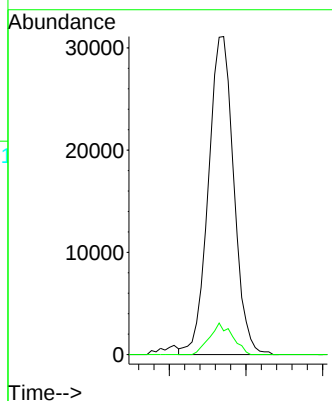
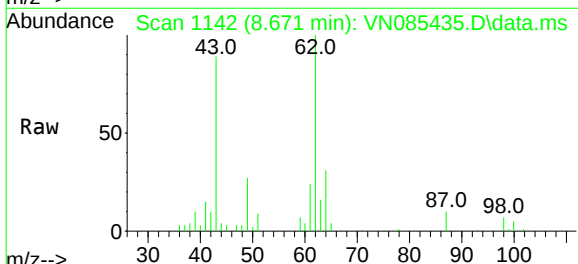
Manual Integrations
APPROVED

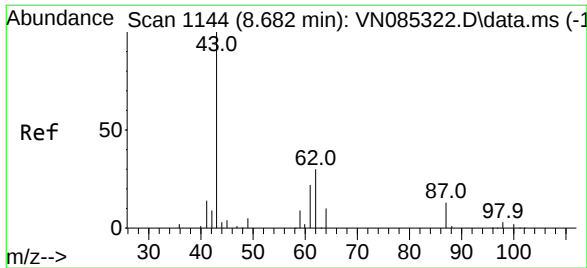
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#42
1,2-Dichloroethane
Concen: 23.544 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion:	62	Resp:	71654
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6





#43

Isopropyl Acetate

Concen: 21.481 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBSD01

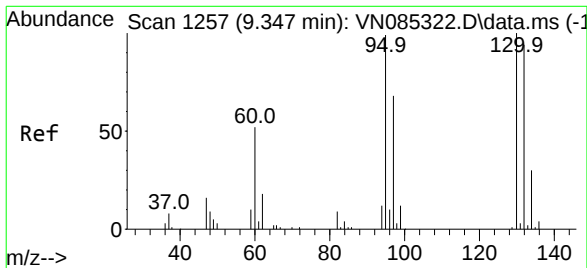
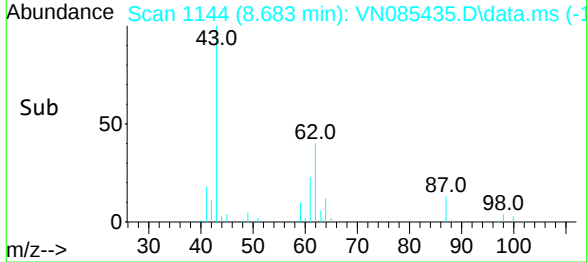
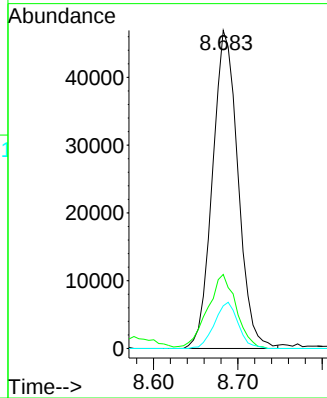
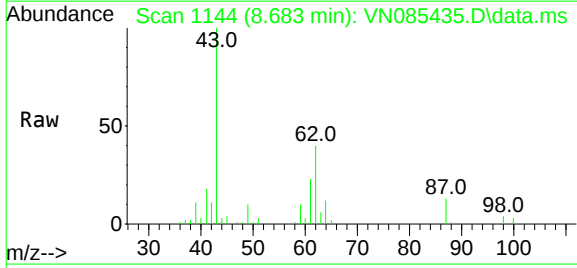
Tgt Ion: 43	Resp: 98701
Ion Ratio	Lower Upper
43 100	
61 26.3	20.8 31.2
87 13.5	10.2 15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#44

Trichloroethene

Concen: 19.850 ug/l

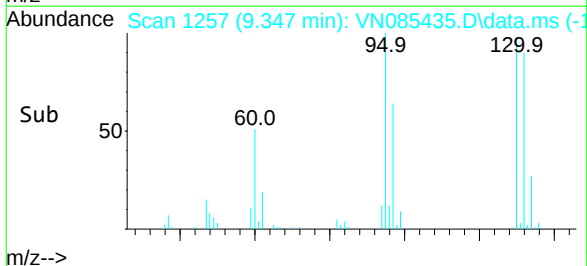
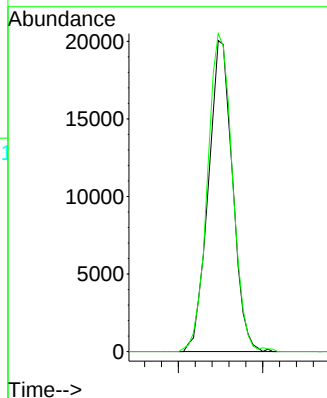
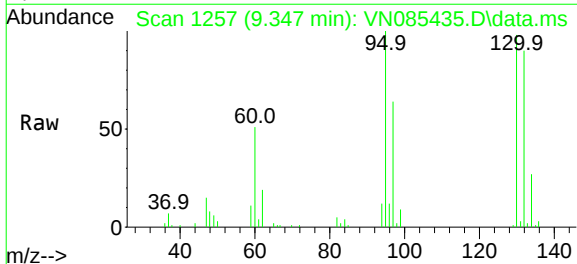
RT: 9.347 min Scan# 1257

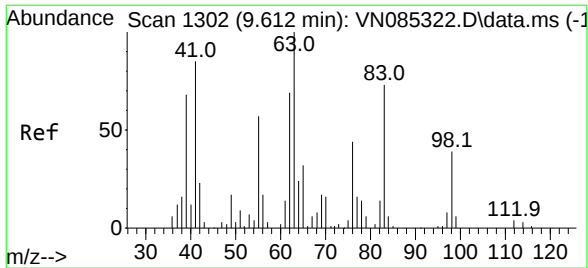
Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion:130	Resp: 39891
Ion Ratio	Lower Upper
130 100	
95 102.2	0.0 197.8





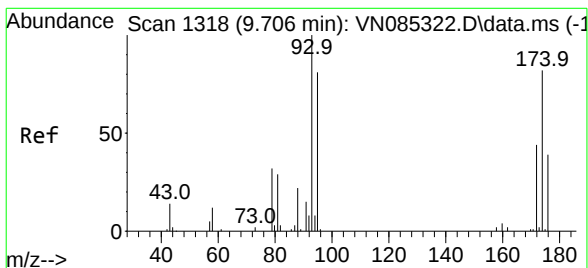
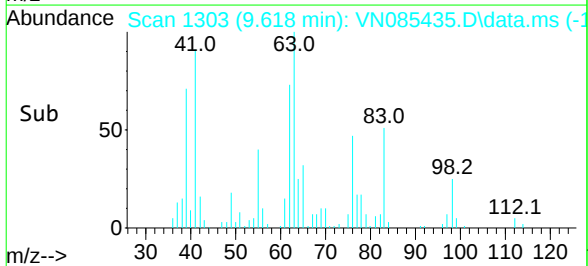
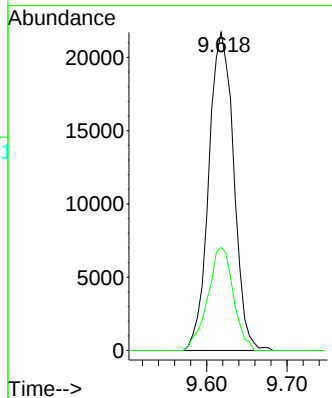
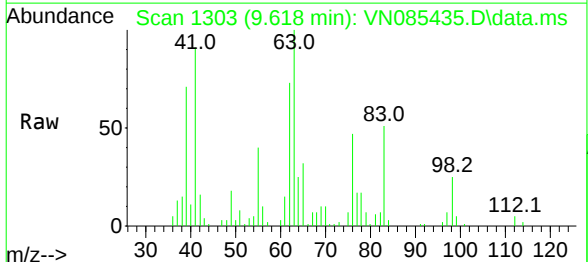
#45
1,2-Dichloropropane
Concen: 21.705 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion: 63 Resp: 46770
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3

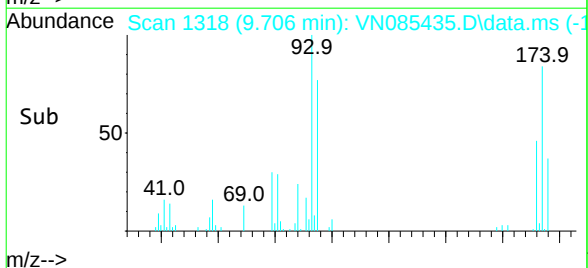
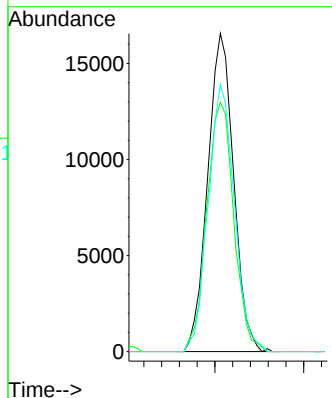
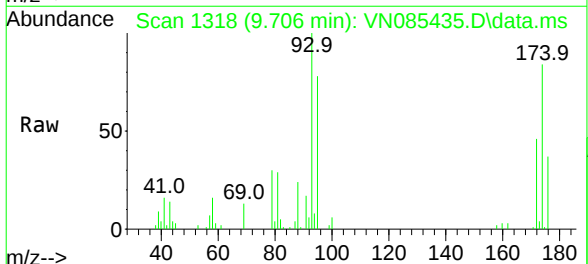
Manual Integrations
APPROVED

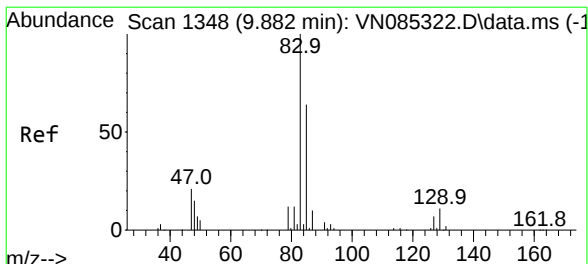
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#46
Dibromomethane
Concen: 22.401 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 93 Resp: 33571
Ion Ratio Lower Upper
93 100
95 81.8 65.3 97.9
174 85.0 66.4 99.6





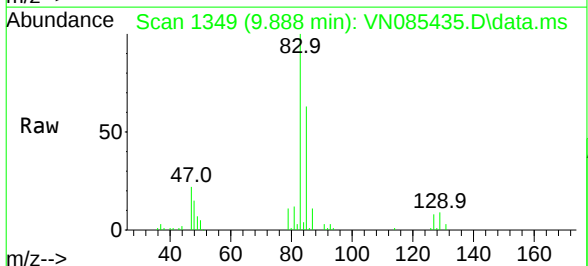
#47
 Bromodichloromethane
 Concen: 22.117 ug/l
 RT: 9.888 min Scan# 1348
 Delta R.T. 0.006 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

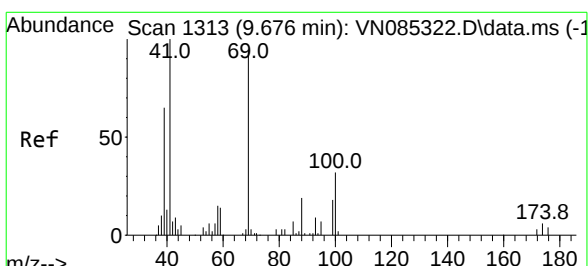
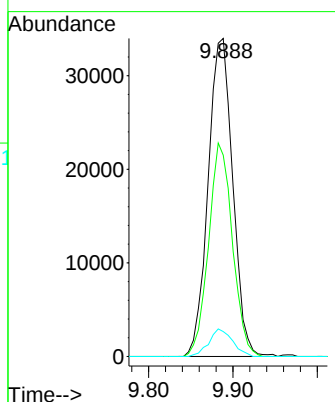
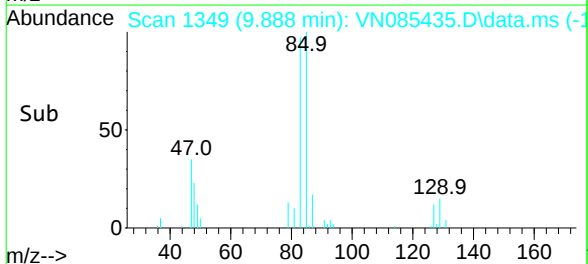
VN0113WBSD01



Tgt Ion:	83	Resp:	68889
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.0	76.4
127	7.8	5.8	8.6

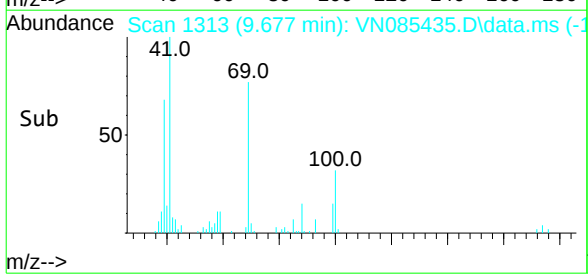
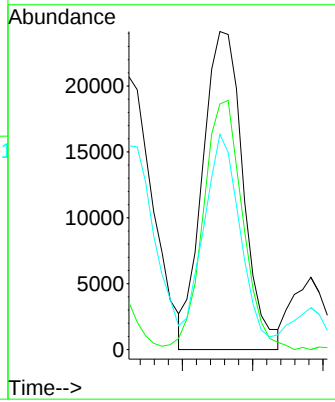
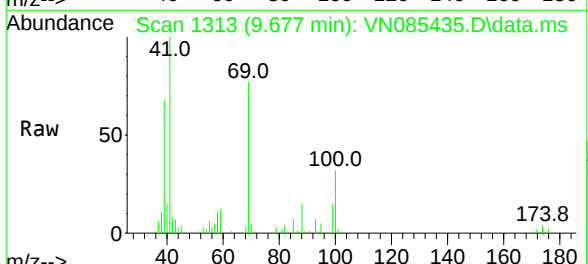
Manual Integrations
 APPROVED

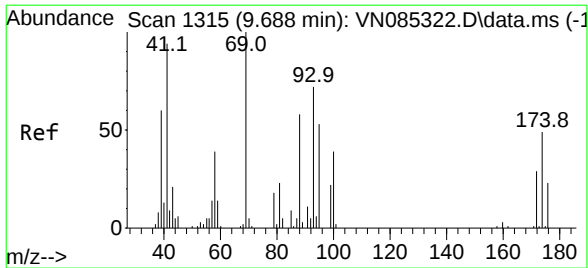
Reviewed By :John Carlone 01/14/2025
 Supervised By :Mahesh Dadoda 01/14/2025



#48
 Methyl methacrylate
 Concen: 24.298 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

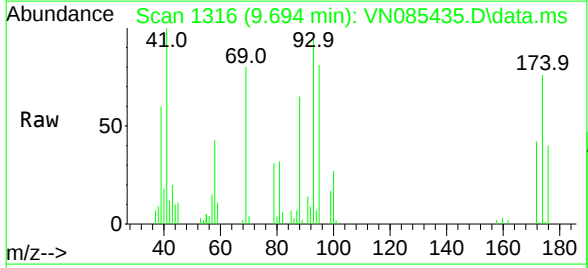
Tgt Ion:	41	Resp:	48444
Ion	Ratio	Lower	Upper
41	100		
69	76.1	67.7	101.5
39	62.1	51.2	76.8





#49
1,4-Dioxane
Concen: 479.823 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

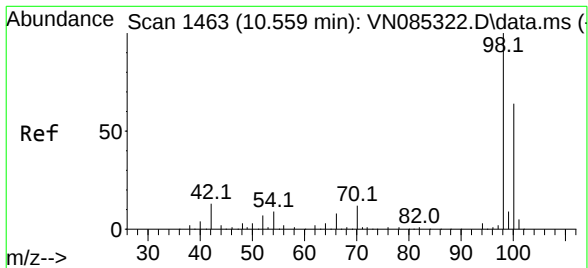
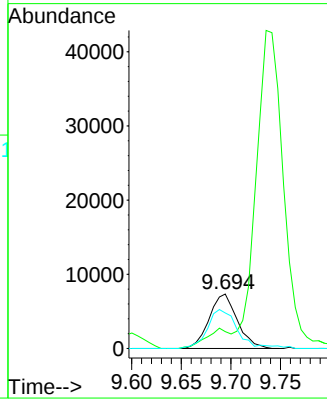
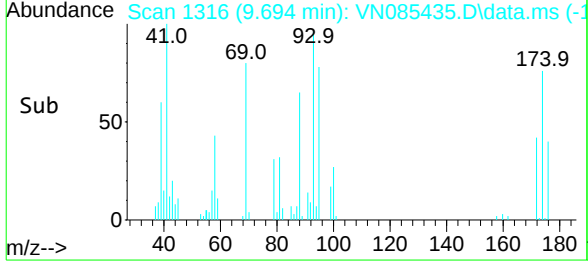
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



Tgt Ion: 88 Resp: 14434
Ion Ratio Lower Upper
88 100
43 31.7 22.1 33.1
58 77.3 56.7 85.1

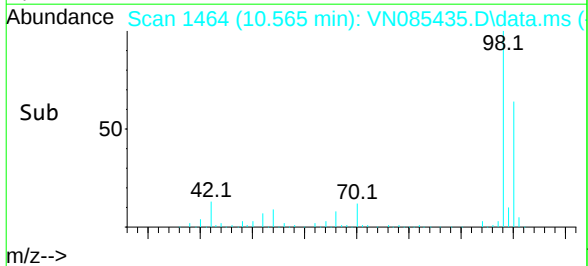
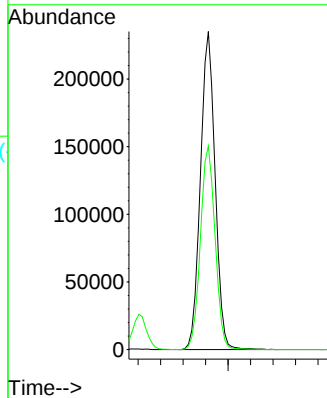
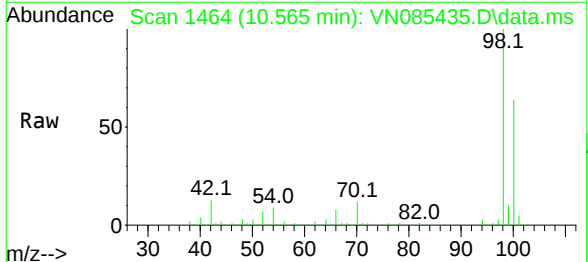
Manual Integrations
APPROVED

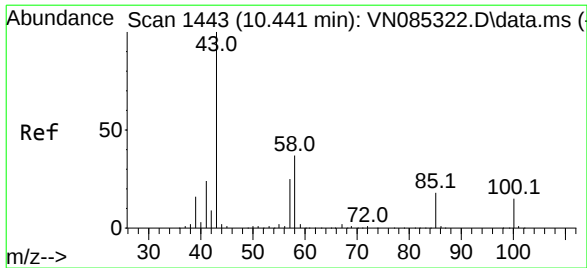
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#50
Toluene-d8
Concen: 60.616 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 98 Resp: 426516
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3





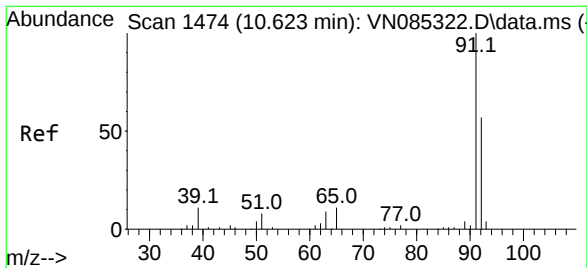
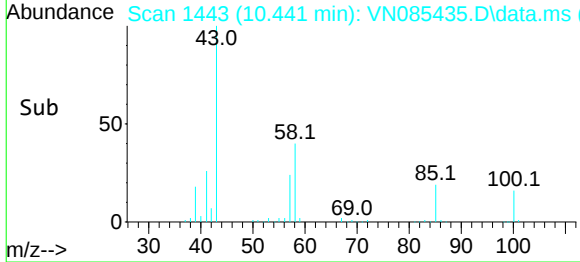
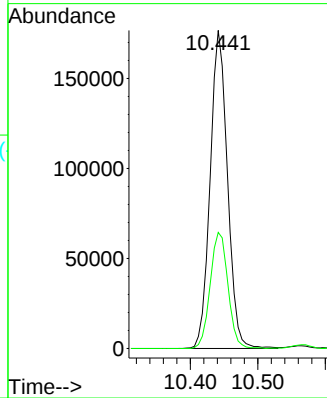
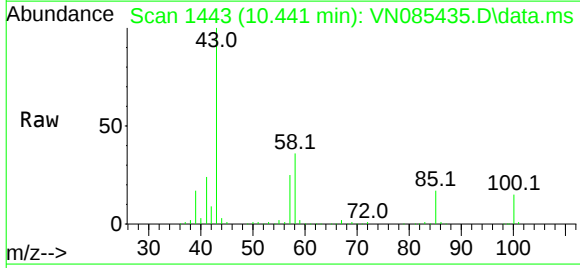
#51
4-Methyl-2-Pentanone
Concen: 121.878 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion: 43 Resp: 314709
Ion Ratio Lower Upper
43 100
58 37.4 30.3 45.5

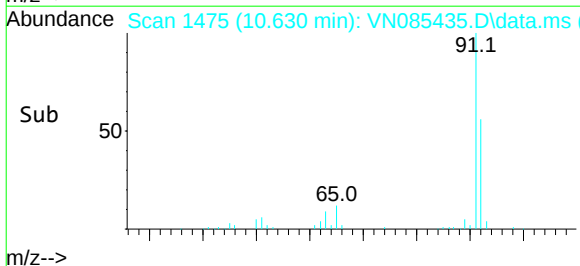
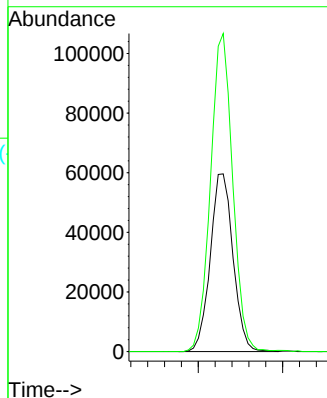
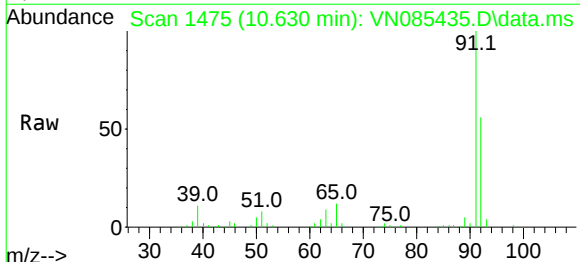
Manual Integrations
APPROVED

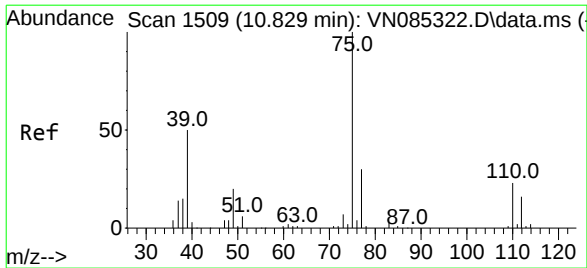
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#52
Toluene
Concen: 22.127 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

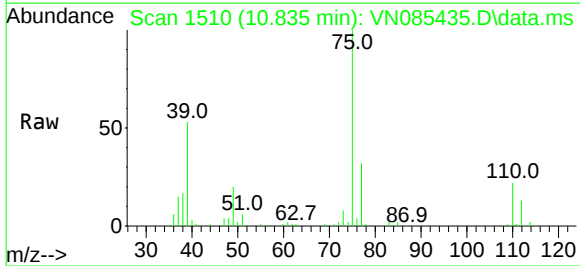
Tgt Ion: 92 Resp: 111838
Ion Ratio Lower Upper
92 100
91 173.9 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 21.350 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

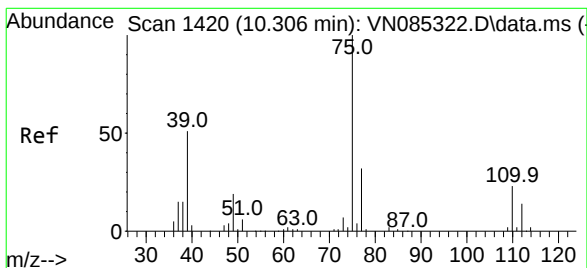
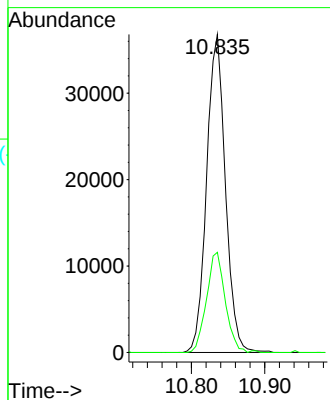
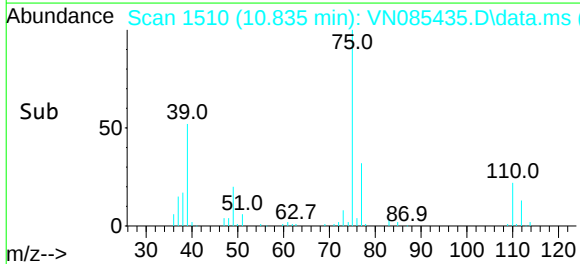
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



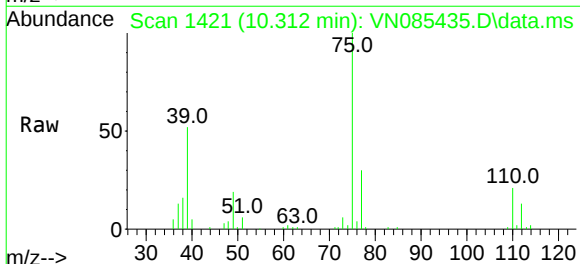
Tgt Ion: 75 Resp: 65398
Ion Ratio Lower Upper
75 100
77 31.5 23.8 35.6

Manual Integrations
APPROVED

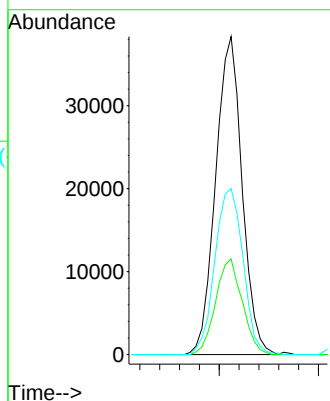
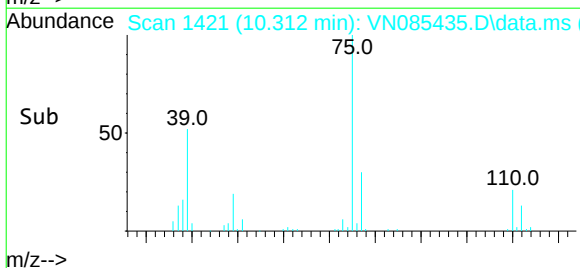
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

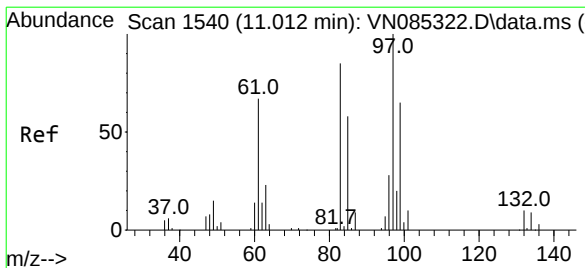


#54
cis-1,3-Dichloropropene
Concen: 21.431 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42



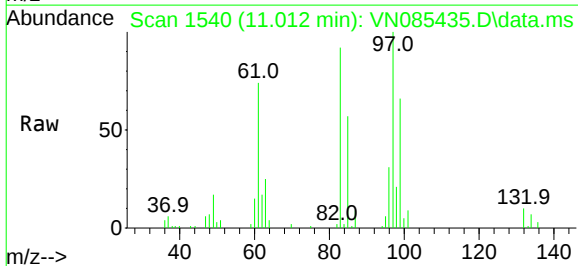
Tgt Ion: 75 Resp: 70985
Ion Ratio Lower Upper
75 100
77 30.1 25.5 38.3
39 52.2 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 22.280 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

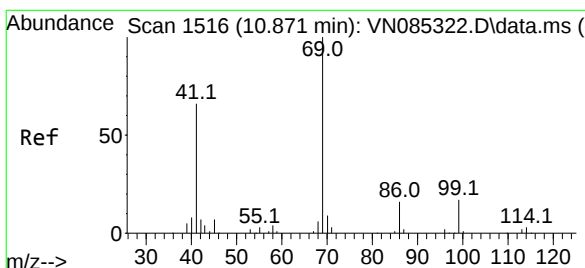
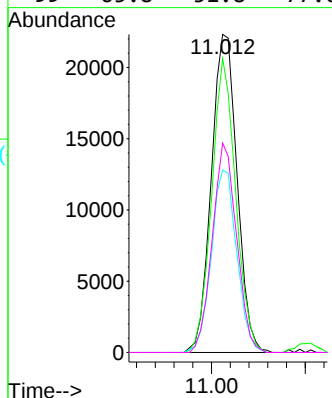
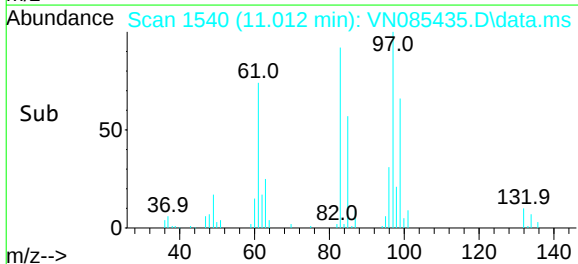
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



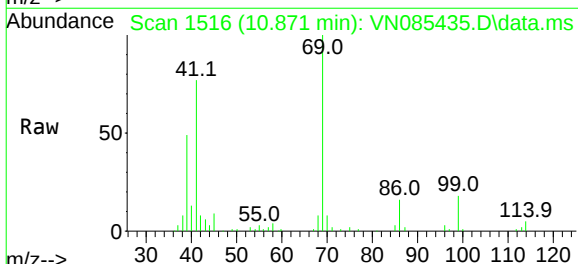
Tgt Ion:	97	Resp:	42515
Ion	Ratio	Lower	Upper
97	100		
83	92.4	67.7	101.5
85	57.4	46.2	69.4
99	65.8	51.8	77.6

Manual Integrations
APPROVED

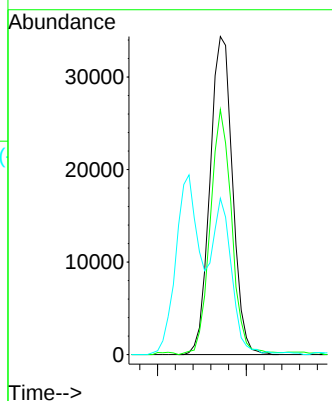
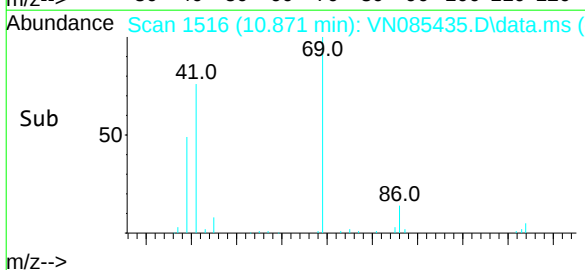
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

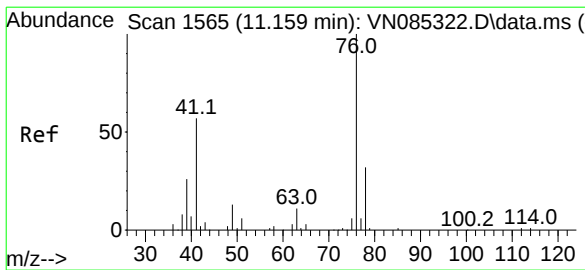


#56
Ethyl methacrylate
Concen: 21.852 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42



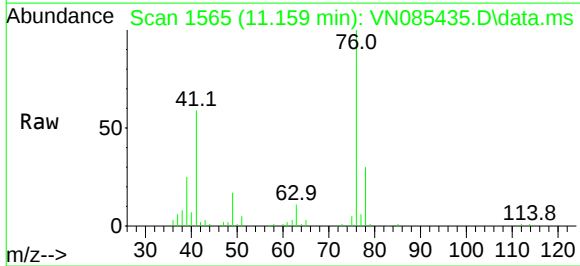
Tgt Ion:	69	Resp:	60730
Ion	Ratio	Lower	Upper
69	100		
41	73.4	54.3	81.5
39	42.4	32.0	48.0





#57
1,3-Dichloropropane
Concen: 22.707 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

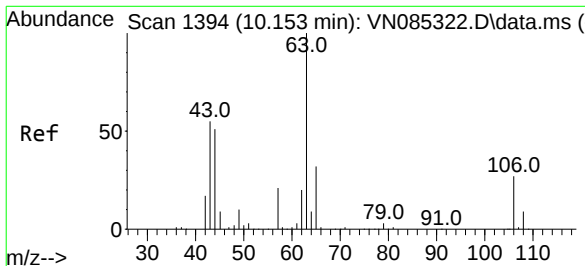
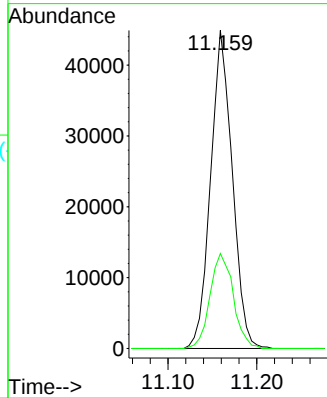
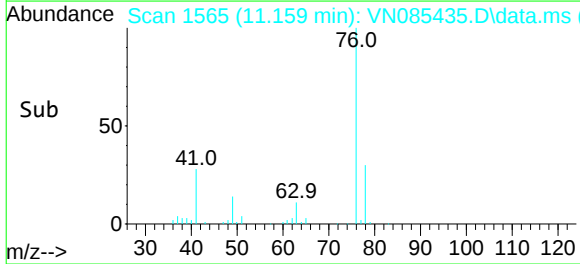
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



Tgt Ion: 76 Resp: 76049
Ion Ratio Lower Upper
76 100
78 32.2 25.5 38.3

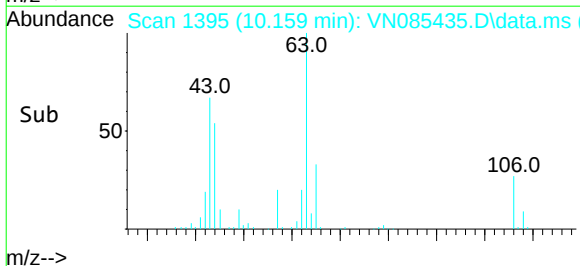
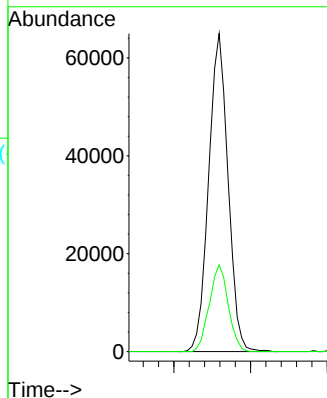
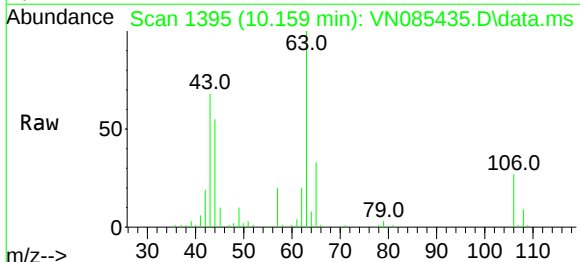
Manual Integrations
APPROVED

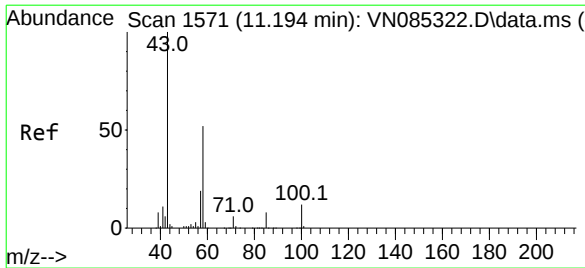
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 84.689 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 63 Resp: 113873
Ion Ratio Lower Upper
63 100
106 26.6 22.1 33.1





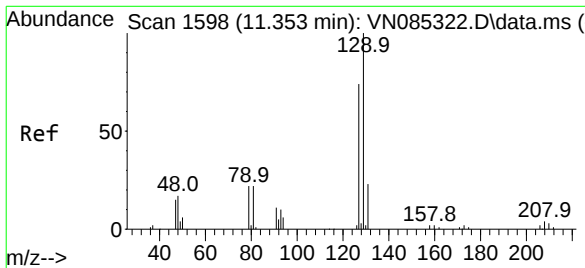
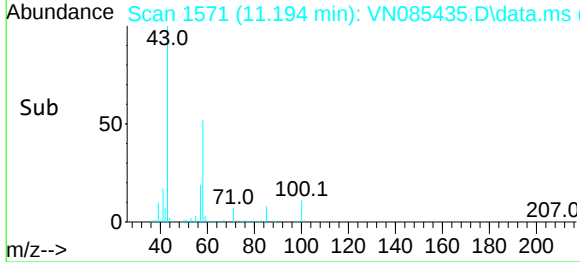
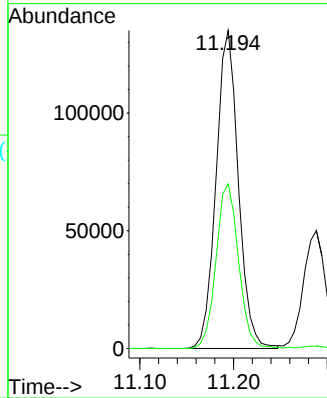
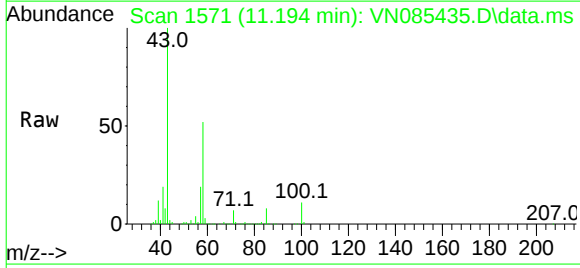
#59
2-Hexanone
Concen: 124.491 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion: 43 Resp: 223028
Ion Ratio Lower Upper
43 100
58 52.1 26.5 79.5

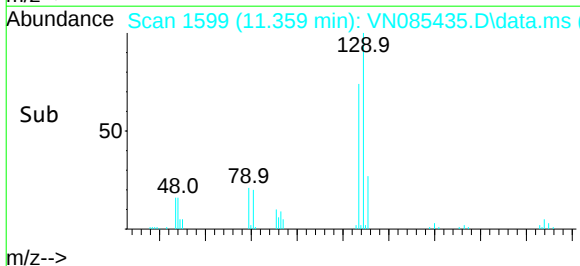
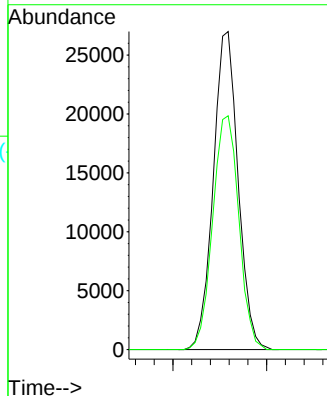
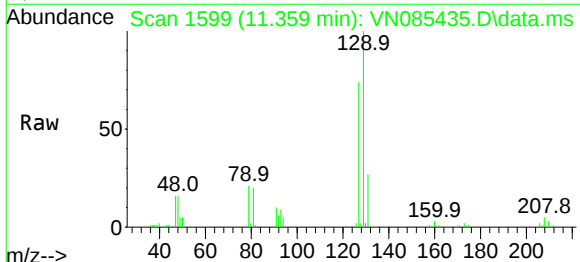
Manual Integrations
APPROVED

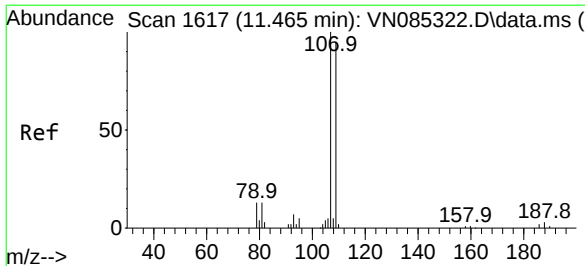
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#60
Dibromochloromethane
Concen: 23.139 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion:129 Resp: 49732
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





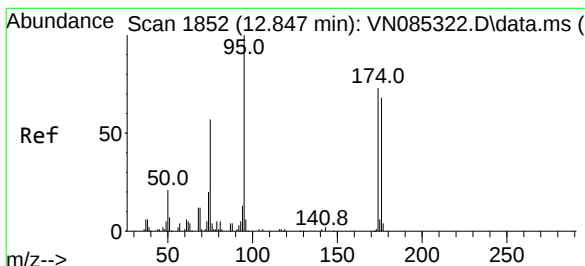
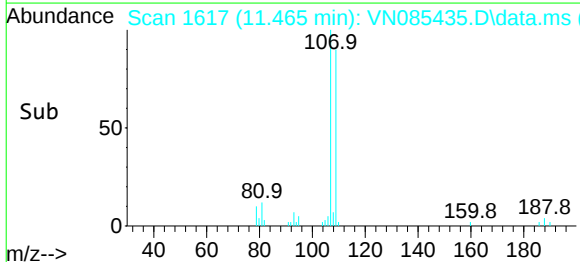
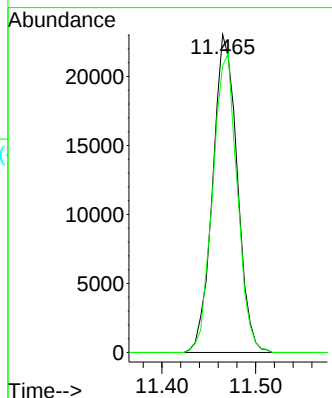
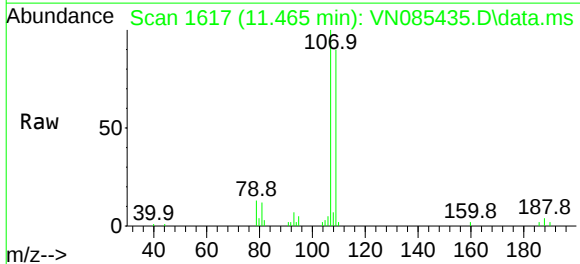
#61
1,2-Dibromoethane
Concen: 22.163 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion: 107 Resp: 41842
Ion Ratio Lower Upper
107 100
109 94.2 74.9 112.3

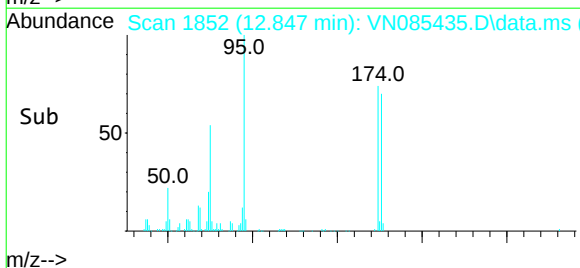
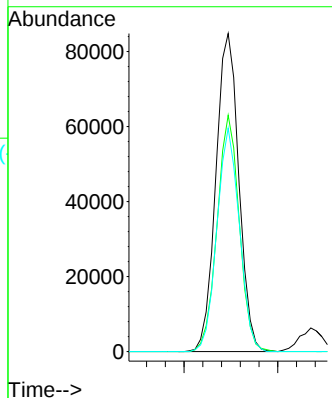
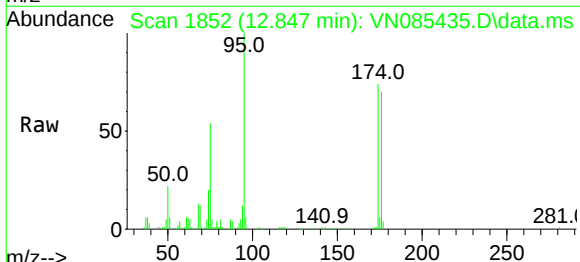
Manual Integrations
APPROVED

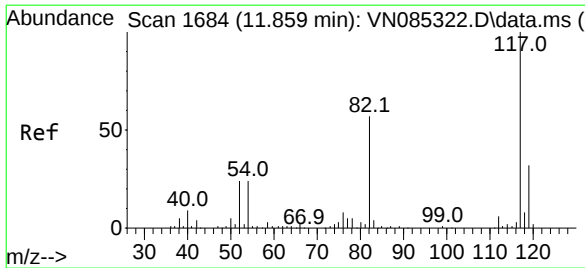
Reviewed By : John Carlone 01/14/2025
Supervised By : Mahesh Dadoda 01/14/2025



#62
4-Bromofluorobenzene
Concen: 61.772 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

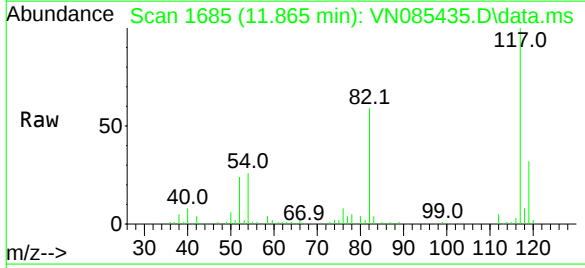
Tgt Ion: 95 Resp: 144353
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.2
176 68.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

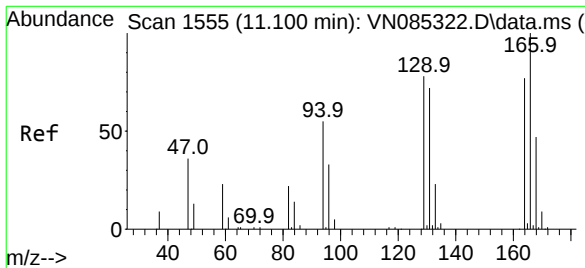
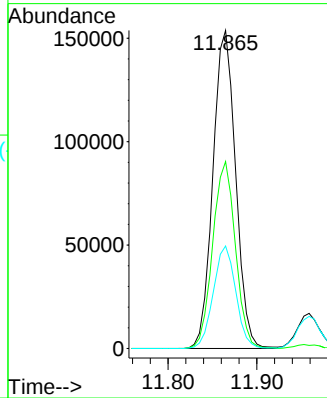
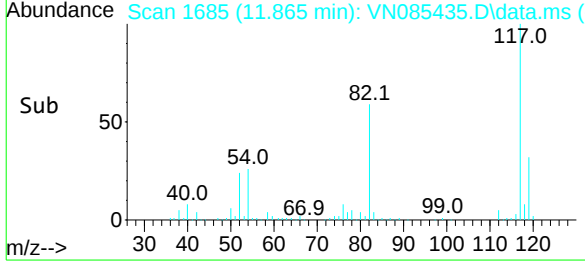
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



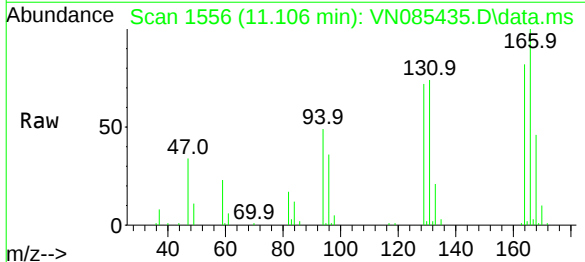
Tgt Ion:117 Resp: 273317
Ion Ratio Lower Upper
117 100
82 58.8 45.7 68.5
119 32.2 25.8 38.8

Manual Integrations
APPROVED

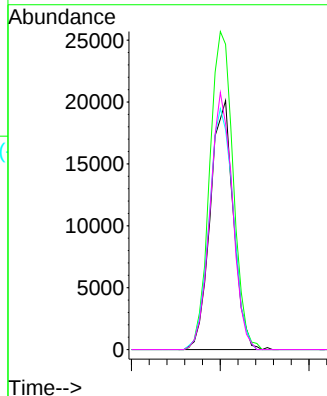
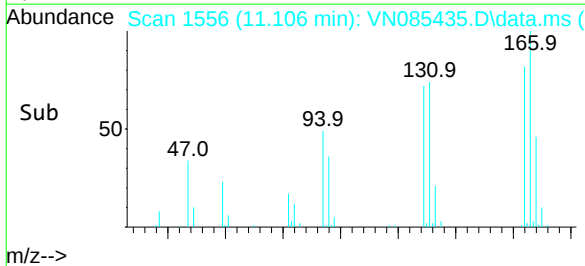
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

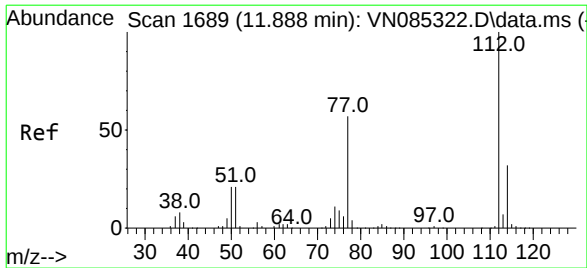


#64
Tetrachloroethene
Concen: 20.910 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42



Tgt Ion:164 Resp: 36213
Ion Ratio Lower Upper
164 100
166 122.6 104.0 156.0
129 88.3 81.3 121.9
131 90.6 75.0 112.6





#65

Chlorobenzene

Concen: 20.069 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBSD01

Tgt Ion:112 Resp: 118532

Ion Ratio Lower Upper

112 100

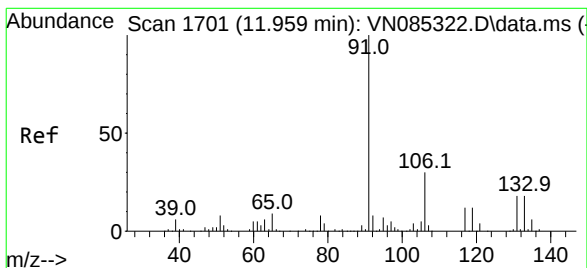
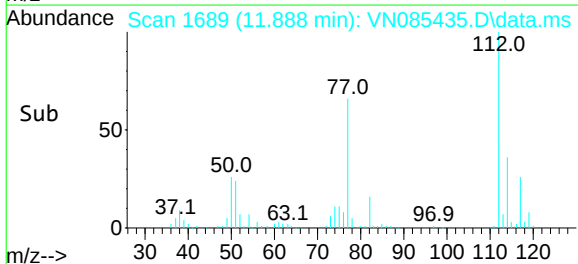
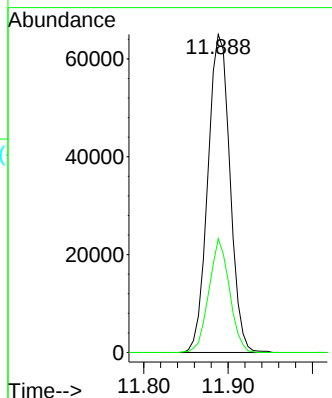
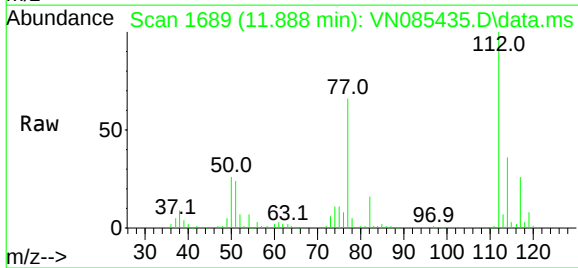
114 35.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 22.105 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

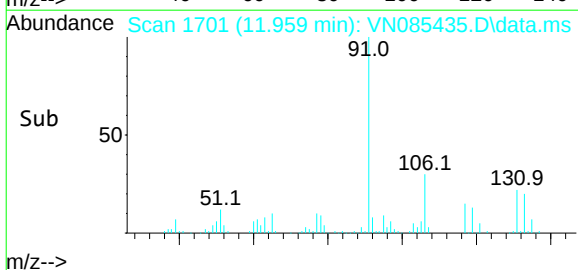
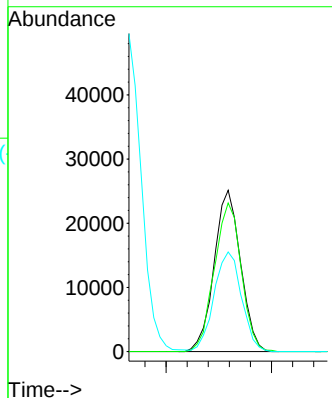
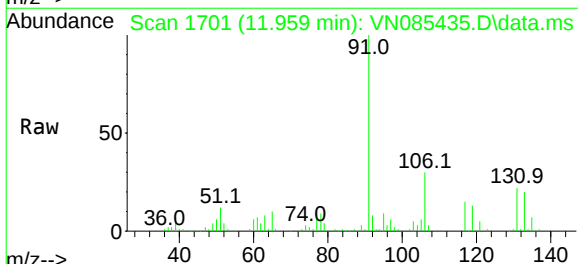
Tgt Ion:131 Resp: 43819

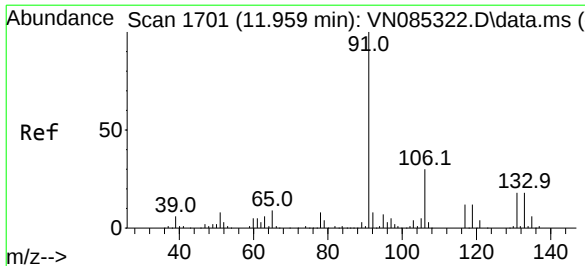
Ion Ratio Lower Upper

131 100

133 93.7 48.3 144.9

119 64.2 33.4 100.1





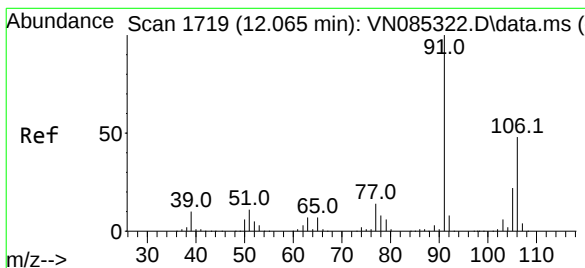
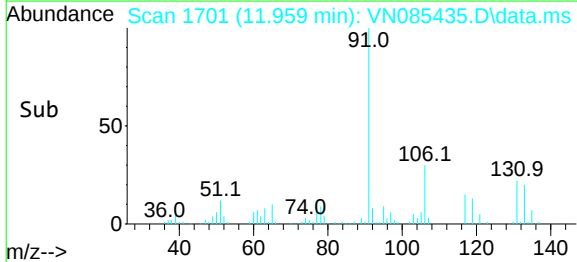
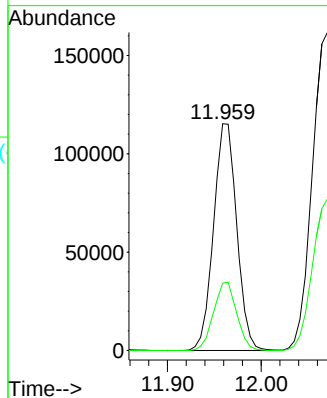
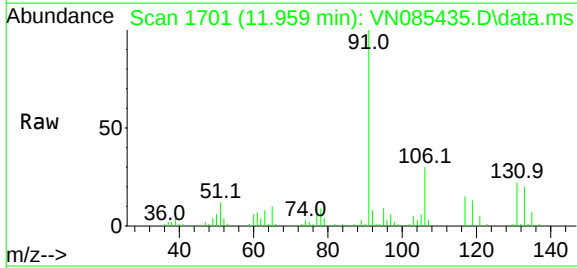
#67
Ethyl Benzene
Concen: 20.181 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion: 91 Resp: 198225
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0

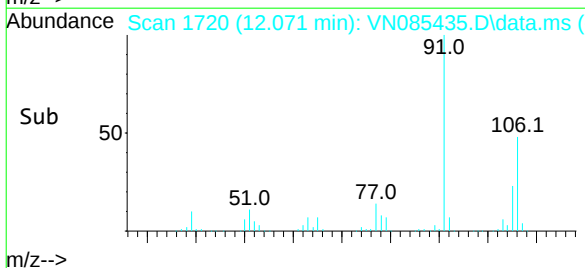
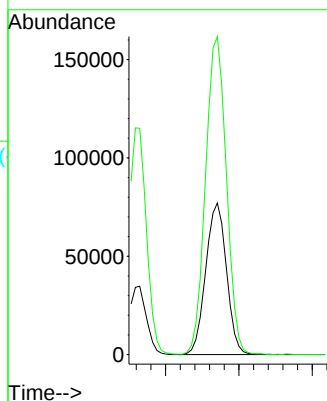
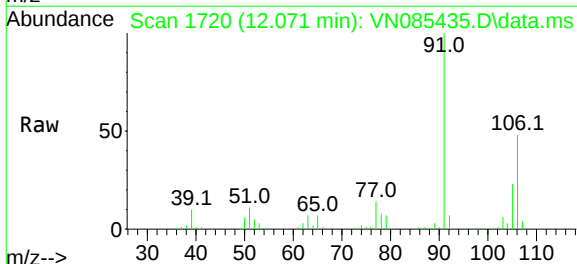
Manual Integrations
APPROVED

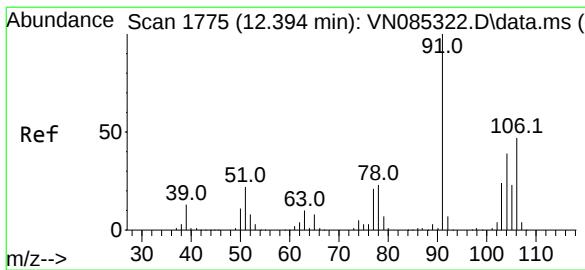
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#68
m/p-Xylenes
Concen: 42.120 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion:106 Resp: 151406
Ion Ratio Lower Upper
106 100
91 210.8 165.2 247.8





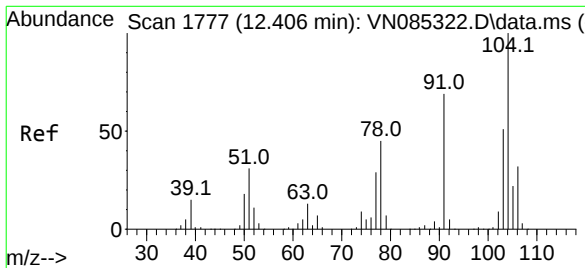
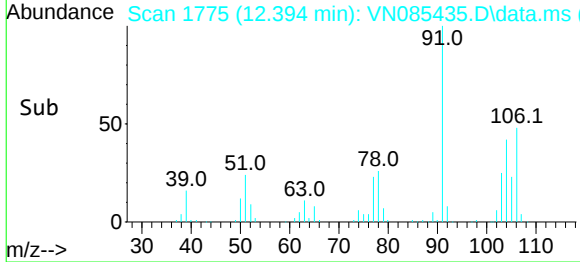
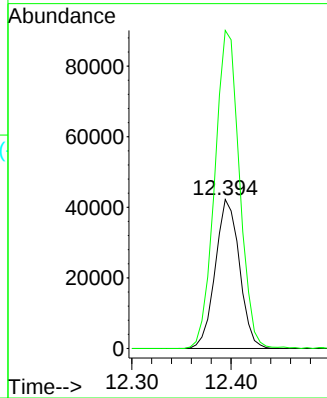
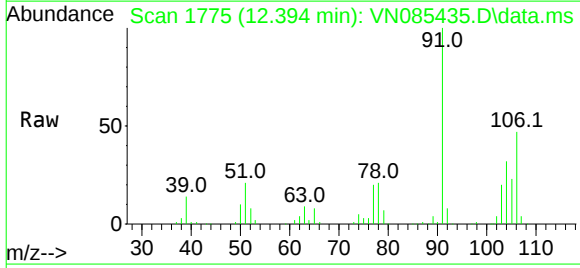
#69
o-Xylene
Concen: 20.538 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion:106 Resp: 71416
Ion Ratio Lower Upper
106 100
91 218.2 107.3 321.8

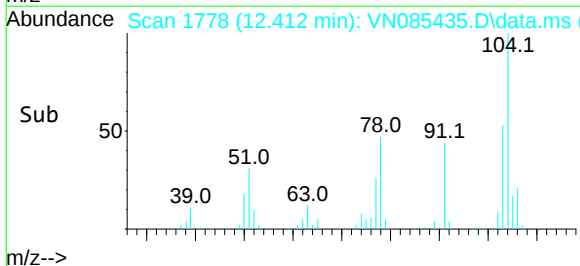
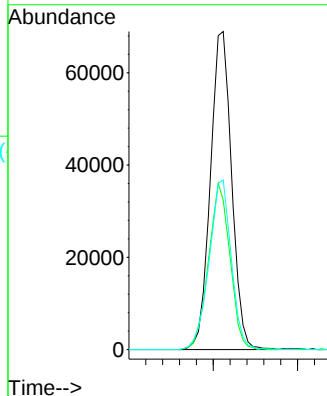
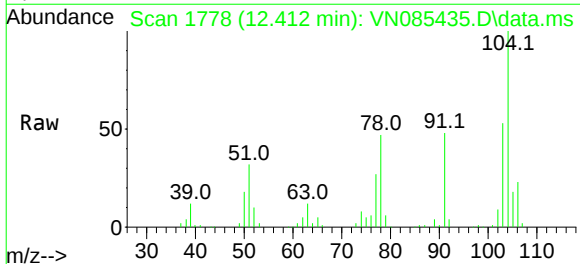
Manual Integrations
APPROVED

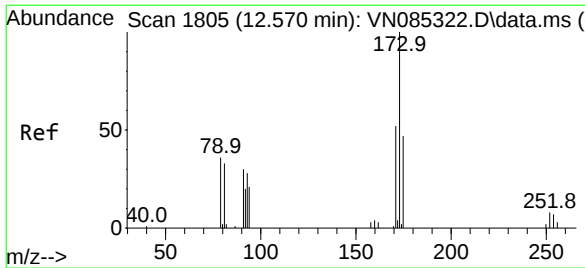
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#70
Styrene
Concen: 21.454 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion:104 Resp: 120907
Ion Ratio Lower Upper
104 100
78 52.5 40.7 61.1
103 55.3 44.1 66.1





#71

Bromoform

Concen: 23.209 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBSD01

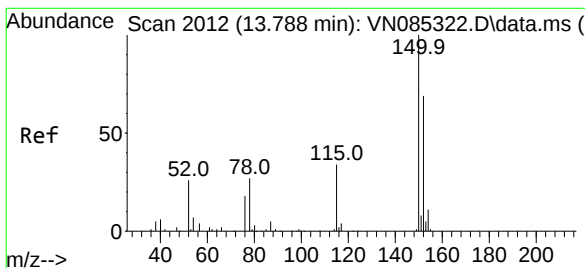
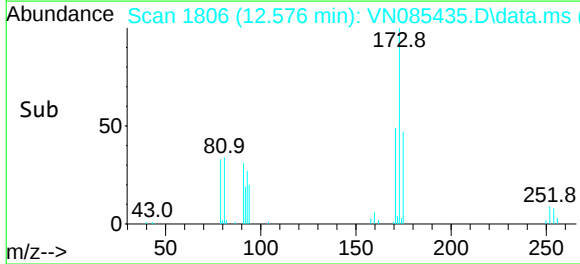
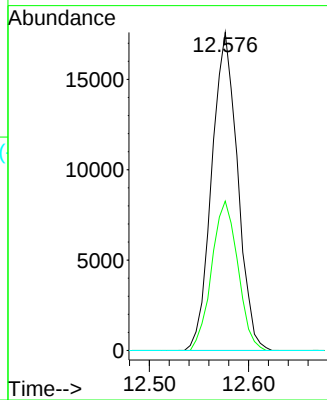
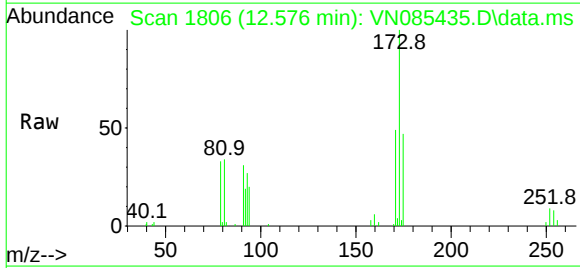
Tgt Ion:	173	Resp:	31865
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

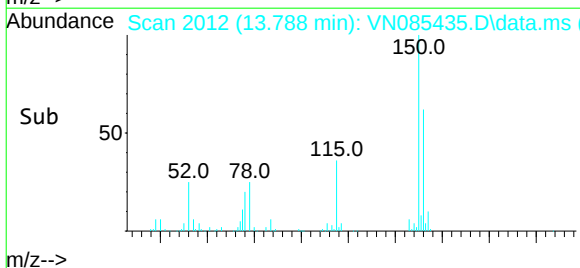
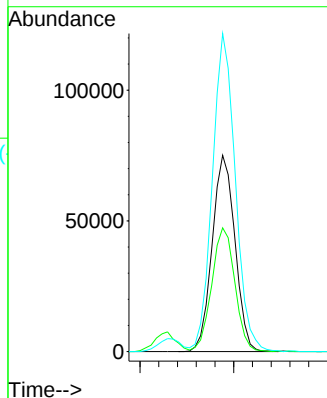
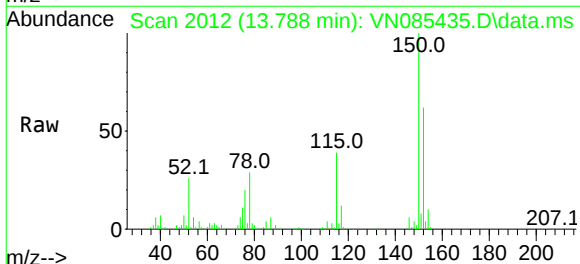
RT: 13.788 min Scan# 2012

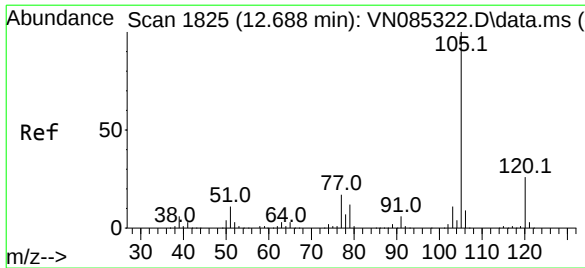
Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion:	152	Resp:	126800
Ion Ratio	Lower	Upper	
152	100		
115	64.0	30.4	91.3
150	163.5	0.0	345.0





#73

Isopropylbenzene

Concen: 19.858 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBSD01

Tgt Ion: 105 Resp: 181068

Ion Ratio Lower Upper

105 100

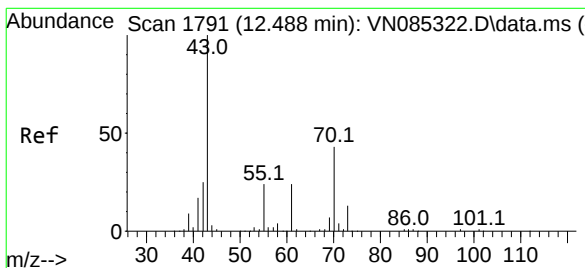
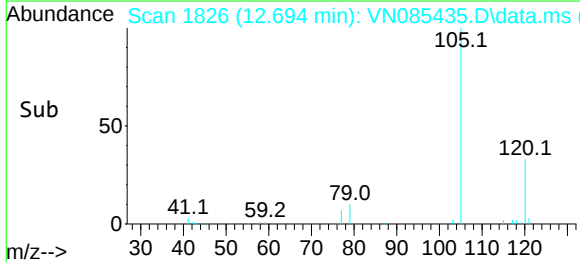
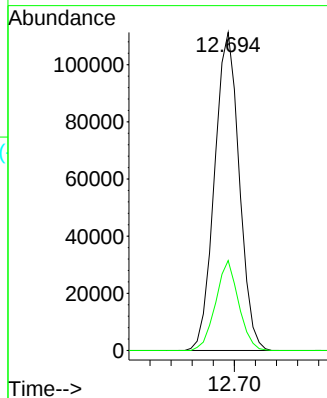
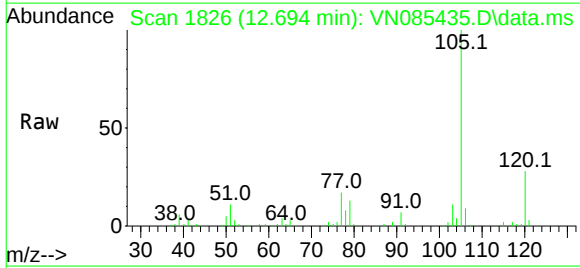
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#74

N-ethyl acetate

Concen: 20.747 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion: 43 Resp: 80977

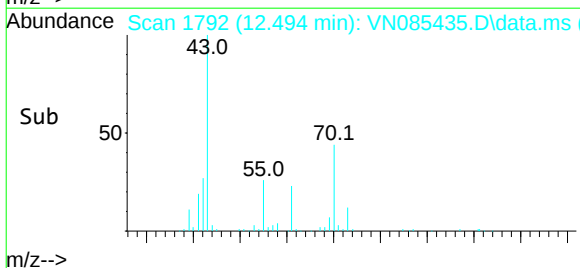
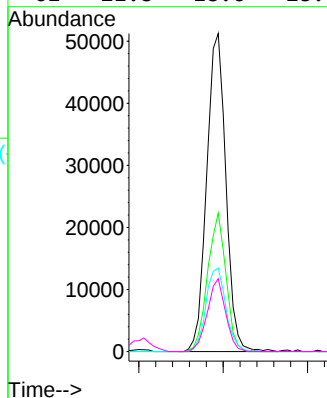
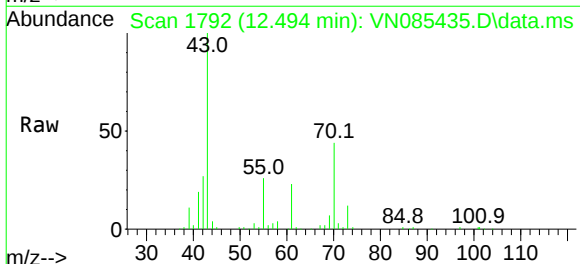
Ion Ratio Lower Upper

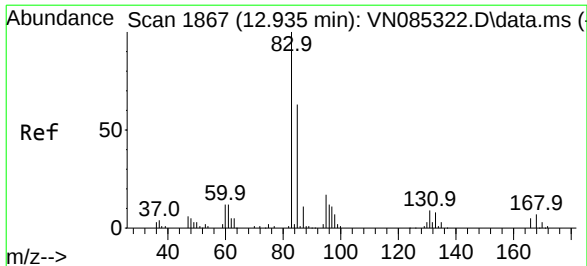
43 100

70 41.7 33.4 50.0

55 27.4 19.2 28.8

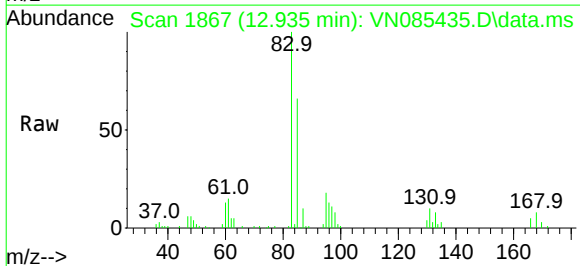
61 21.8 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 22.194 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

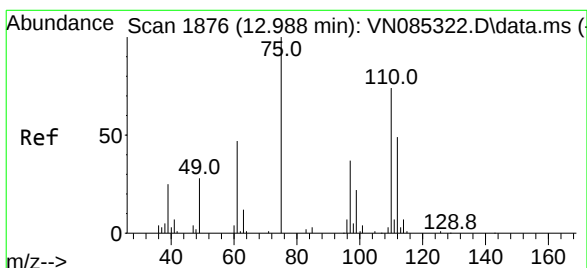
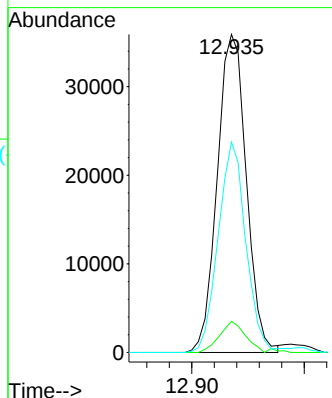
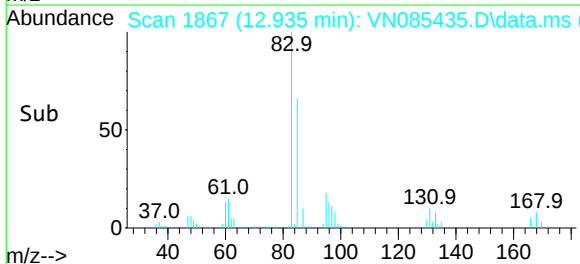
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



Tgt Ion: 83 Resp: 64454
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.4
85 62.7 32.6 98.0

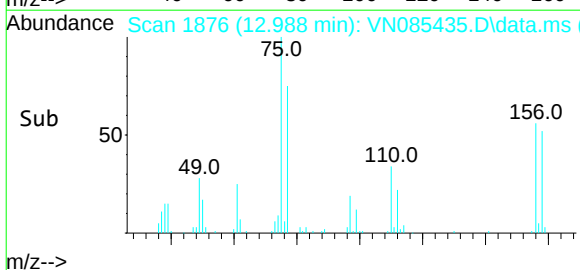
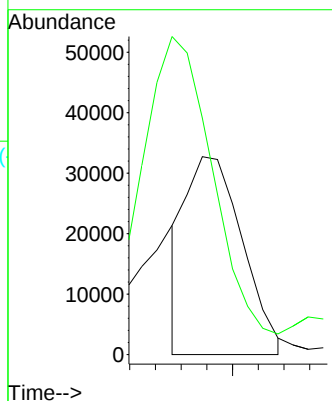
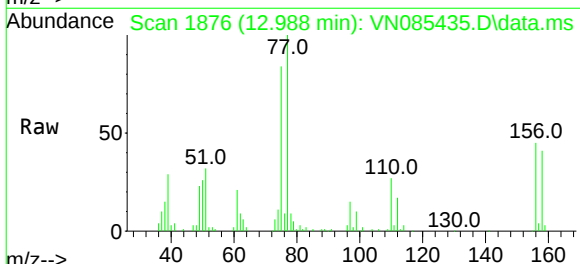
Manual Integrations
APPROVED

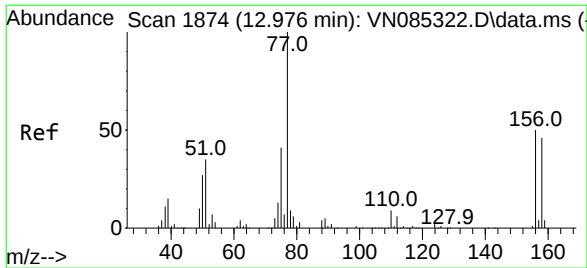
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#76
1,2,3-Trichloropropane
Concen: 21.217 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

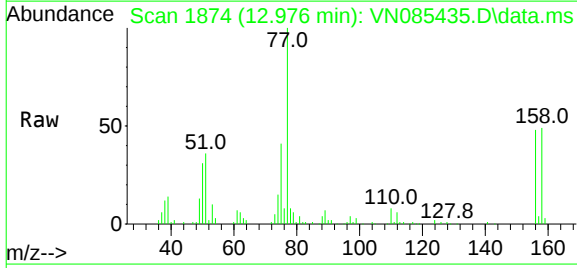
Tgt Ion: 75 Resp: 50238
Ion Ratio Lower Upper
75 100
77 211.6 98.1 294.3





#77
Bromobenzene
Concen: 20.109 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

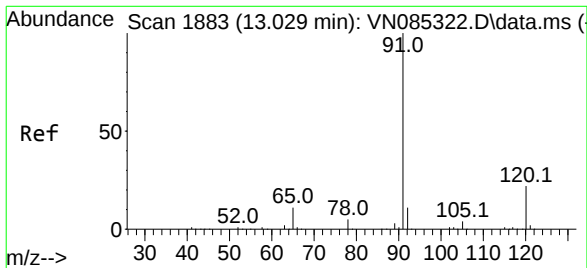
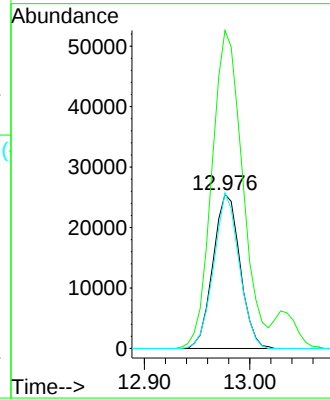
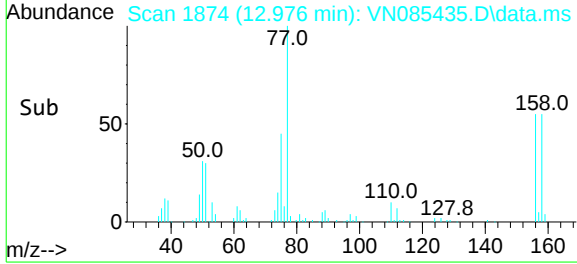
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



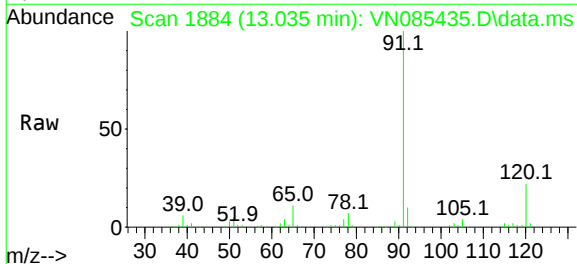
Tgt Ion: 156 Resp: 45429
Ion Ratio Lower Upper
156 100
77 234.0 114.0 342.0
158 95.1 47.6 142.8

Manual Integrations
APPROVED

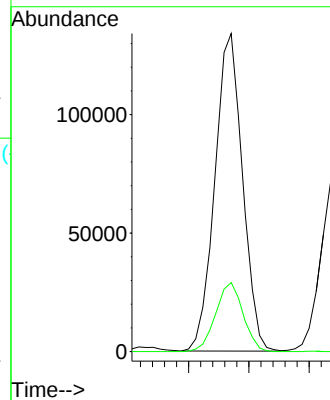
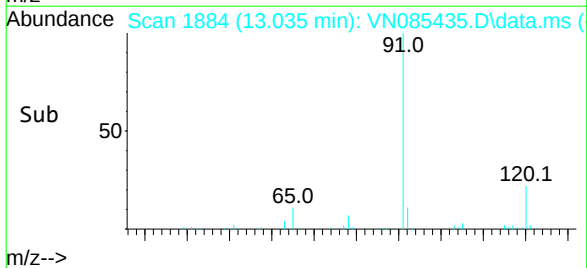
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

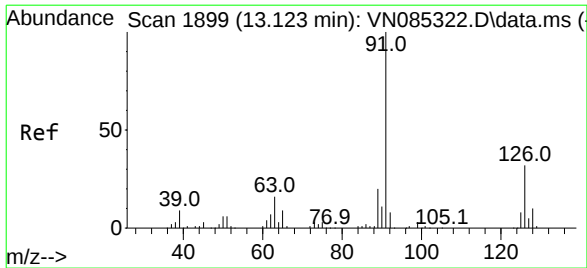


#78
n-propylbenzene
Concen: 20.111 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42



Tgt Ion: 91 Resp: 213759
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





#79

2-Chlorotoluene

Concen: 20.292 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBSD01

Tgt Ion: 91 Resp: 135739

Ion Ratio Lower Upper

91 100

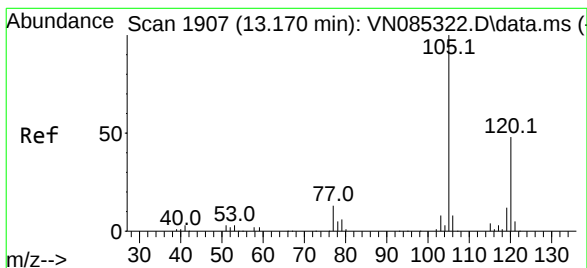
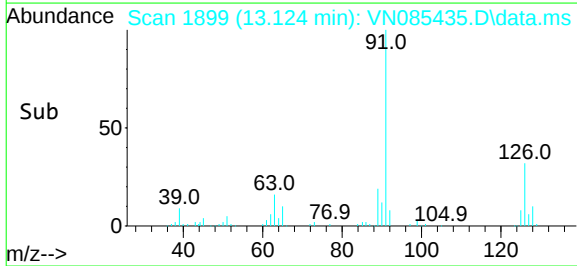
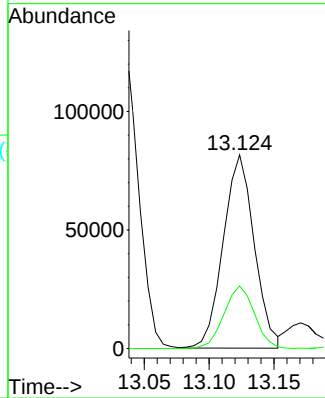
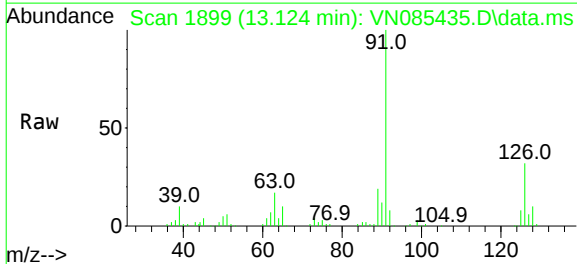
126 31.7 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#80

1,3,5-Trimethylbenzene

Concen: 20.940 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085435.D

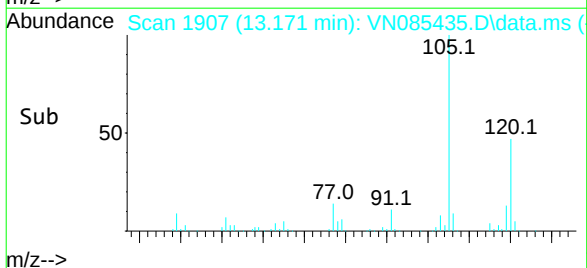
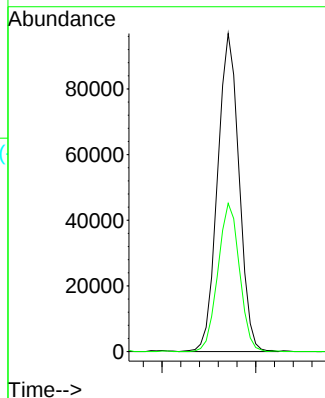
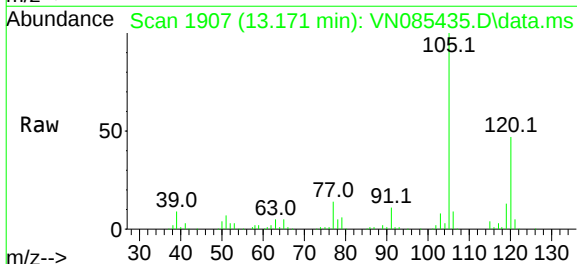
Acq: 13 Jan 2025 18:42

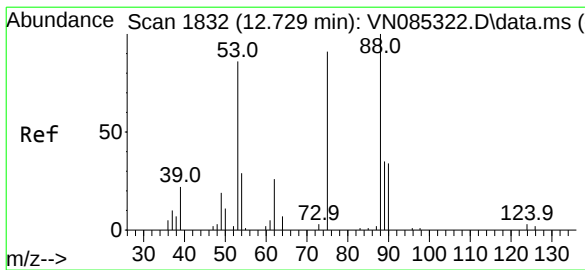
Tgt Ion:105 Resp: 154445

Ion Ratio Lower Upper

105 100

120 46.7 24.0 72.0





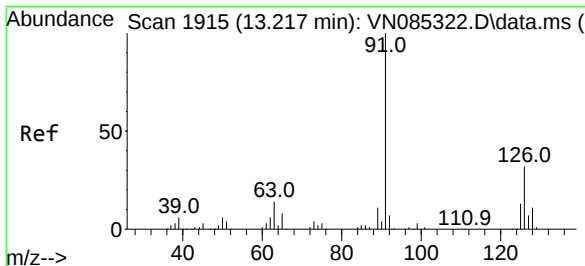
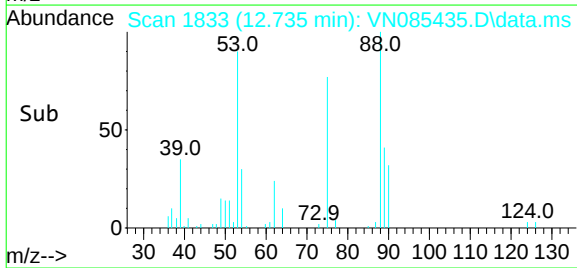
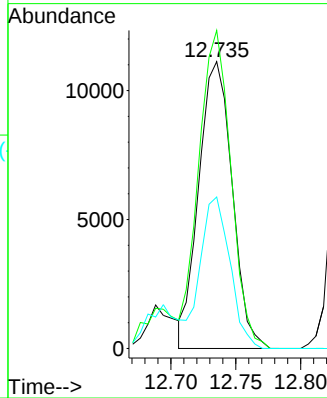
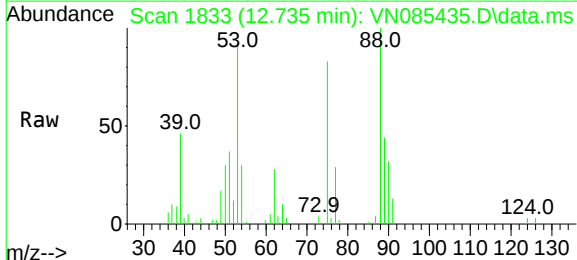
#81
trans-1,4-Dichloro-2-butene
Concen: 20.092 ug/l
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion: 75 Resp: 19866
Ion Ratio Lower Upper
75 100
53 107.5 80.0 120.0
89 46.1 35.8 53.8

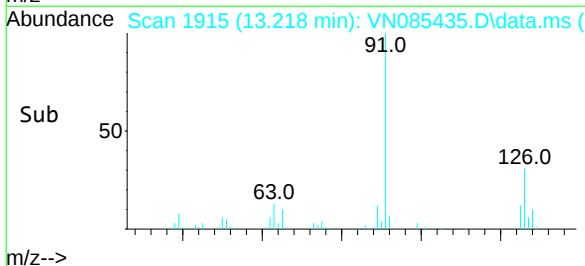
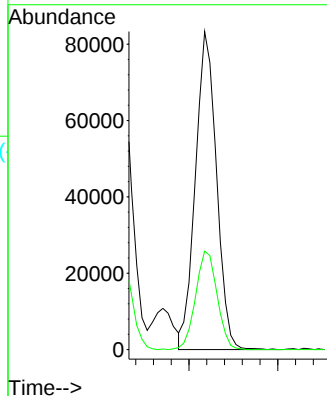
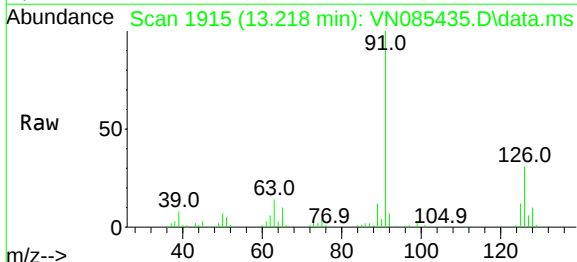
Manual Integrations
APPROVED

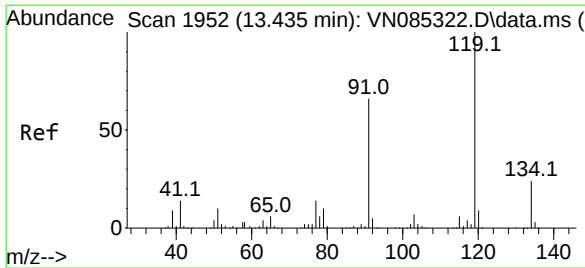
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#82
4-Chlorotoluene
Concen: 20.365 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 91 Resp: 137197
Ion Ratio Lower Upper
91 100
126 31.6 16.4 49.4





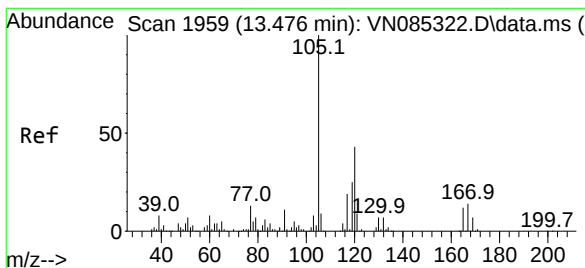
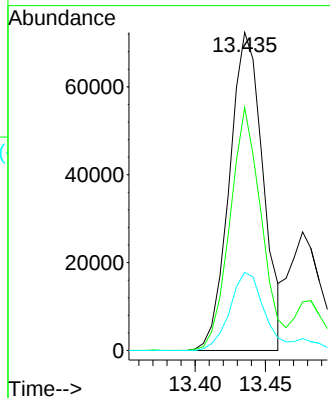
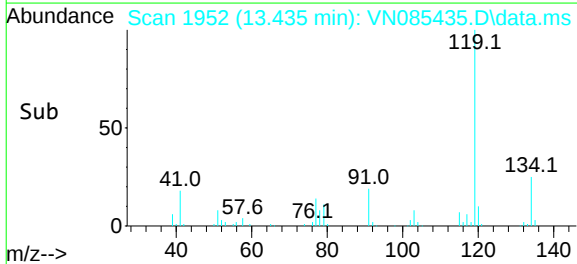
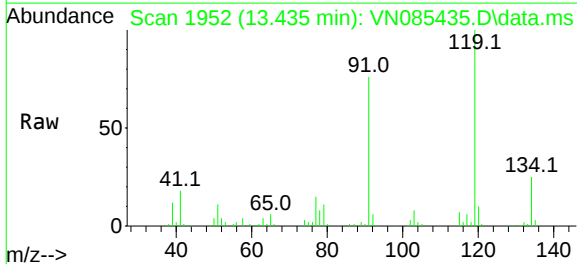
#83
tert-Butylbenzene
Concen: 18.877 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion:119 Resp: 120602
Ion Ratio Lower Upper
119 100
91 71.9 33.6 100.8
134 25.3 13.3 39.8

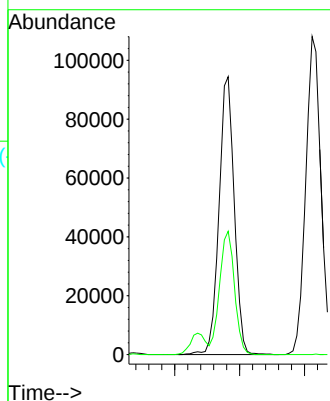
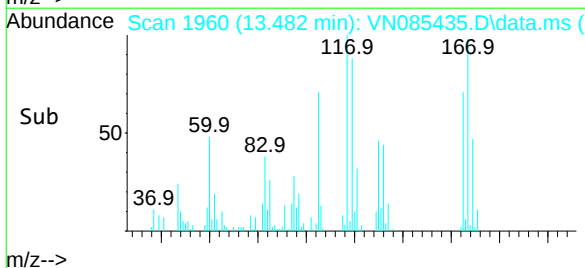
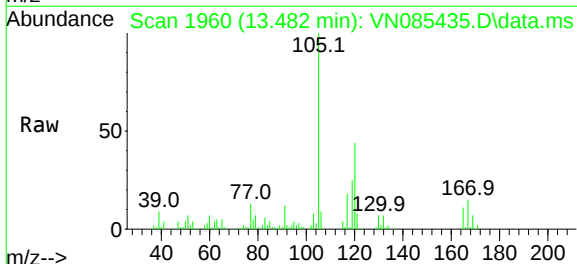
Manual Integrations
APPROVED

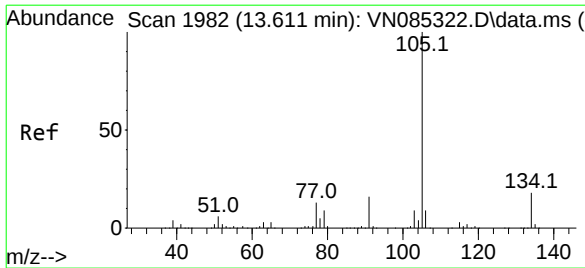
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.947 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion:105 Resp: 153838
Ion Ratio Lower Upper
105 100
120 43.6 21.7 65.1





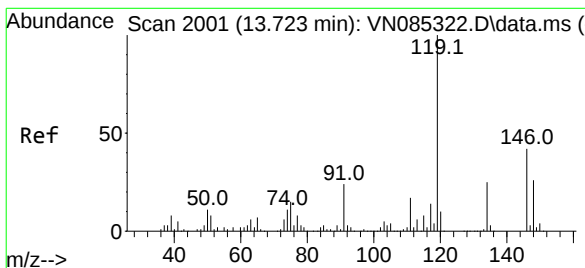
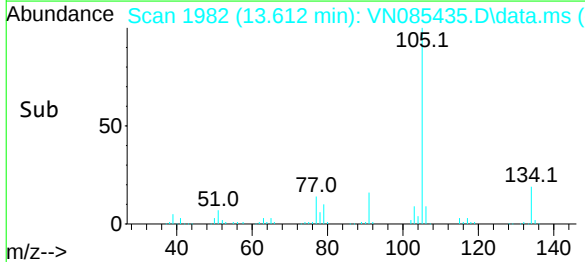
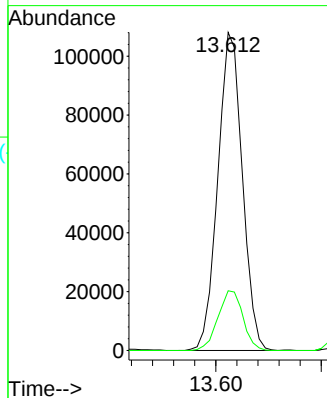
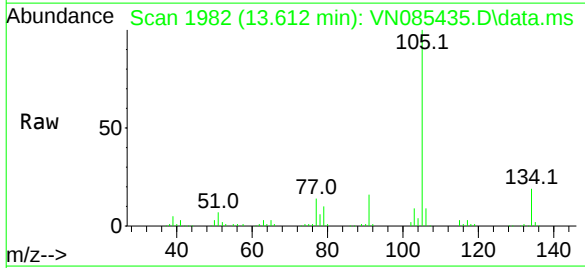
#85
sec-Butylbenzene
Concen: 19.663 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion:105 Resp: 174375
Ion Ratio Lower Upper
105 100
134 19.1 9.4 28.3

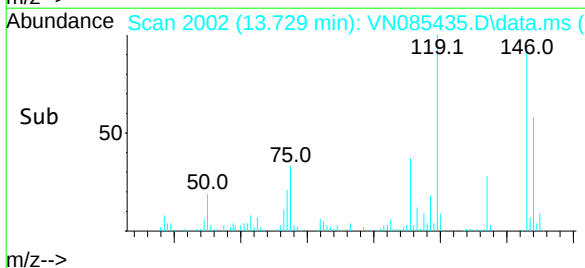
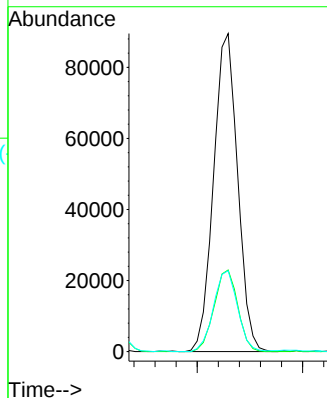
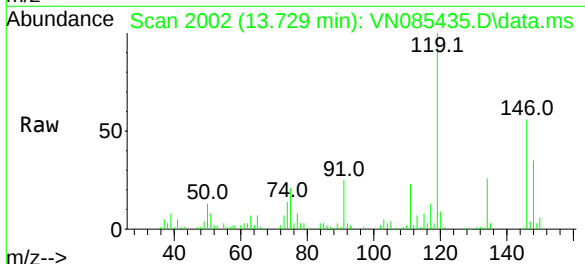
Manual Integrations
APPROVED

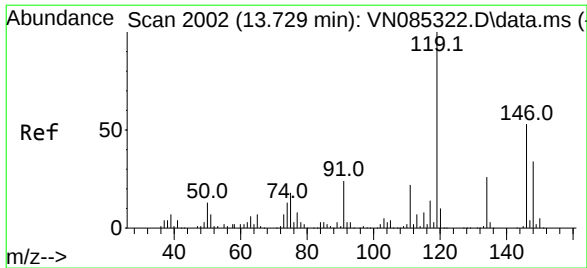
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#86
p-Isopropyltoluene
Concen: 18.687 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion:119 Resp: 141848
Ion Ratio Lower Upper
119 100
134 25.2 12.5 37.5
91 25.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.125 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBSD01

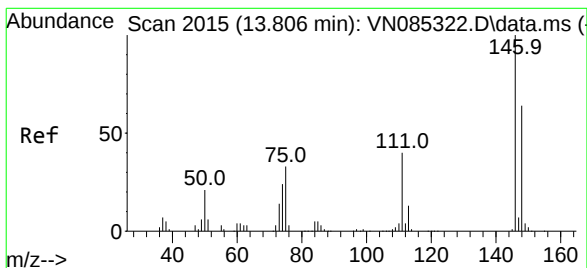
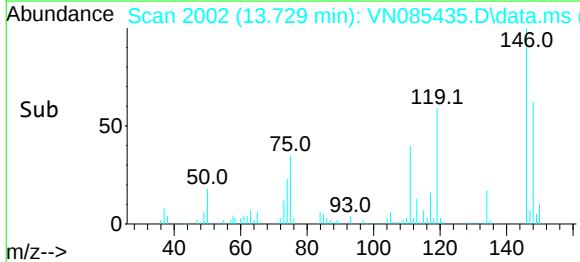
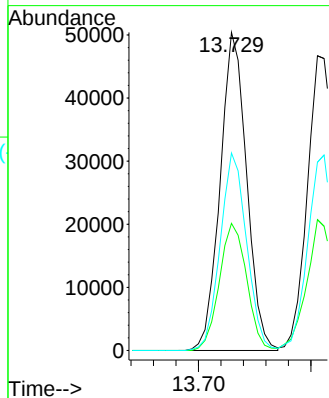
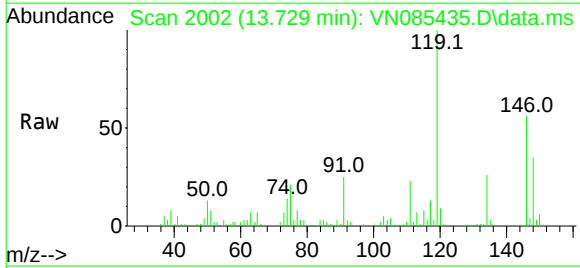
Tgt Ion:	146	Resp:	82418
Ion Ratio	Lower	Upper	
146	100		
111	41.2	21.3	63.9
148	62.1	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2025

Supervised By :Mahesh Dadoda 01/14/2025



#88

1,4-Dichlorobenzene

Concen: 19.352 ug/l

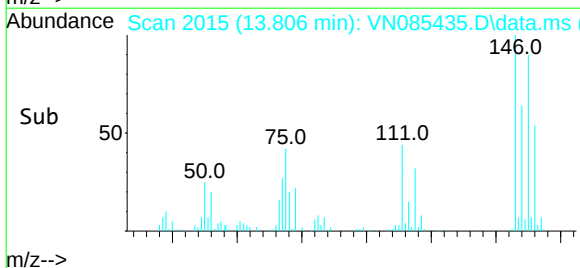
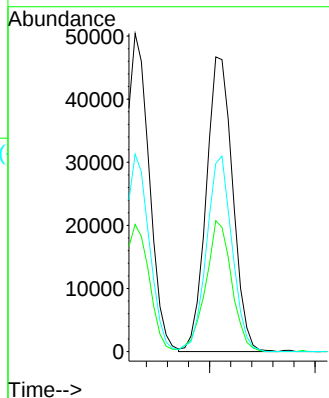
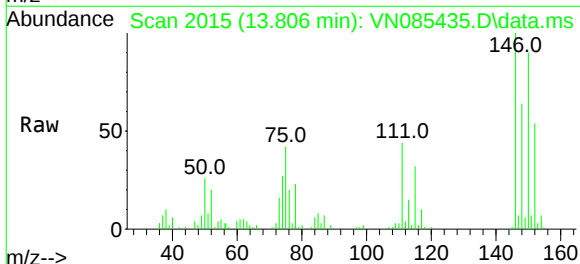
RT: 13.806 min Scan# 2015

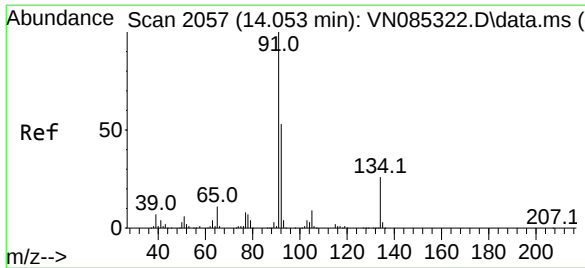
Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion:	146	Resp:	81409
Ion Ratio	Lower	Upper	
146	100		
111	43.5	20.8	62.5
148	64.1	31.7	95.1





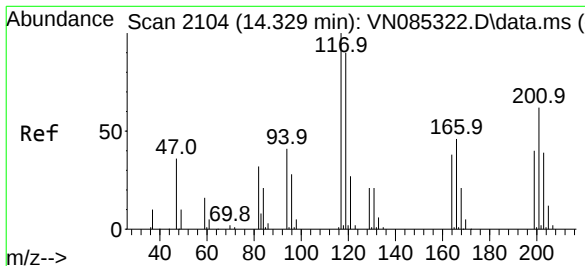
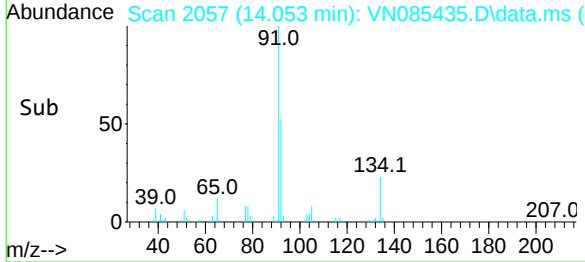
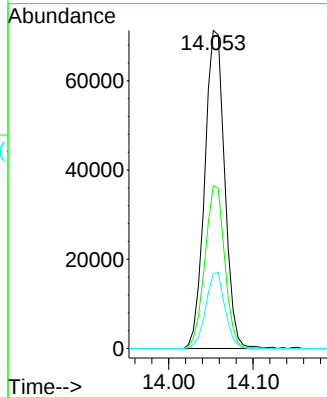
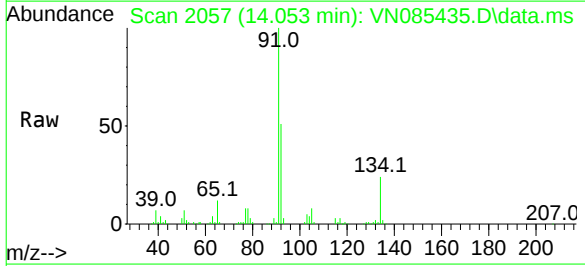
#89
n-Butylbenzene
Concen: 18.037 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01

Tgt Ion: 91 Resp: 117129
Ion Ratio Lower Upper
91 100
92 50.9 26.0 78.0
134 23.0 12.1 36.3

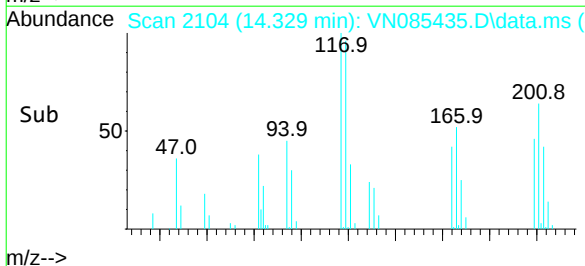
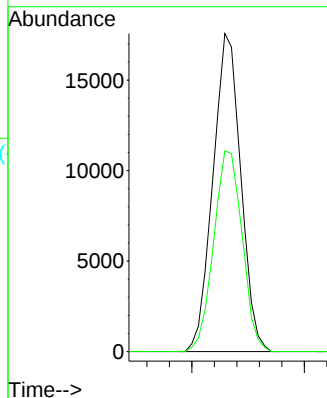
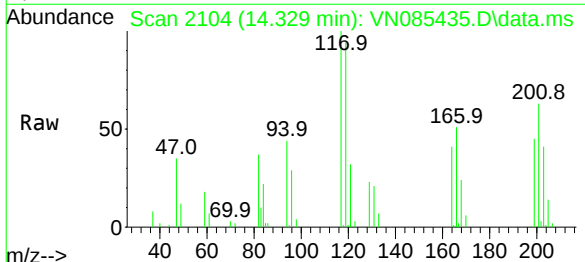
Manual Integrations
APPROVED

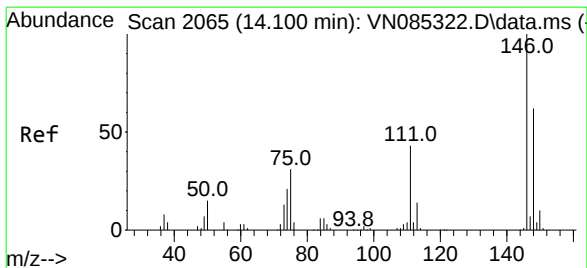
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#90
Hexachloroethane
Concen: 20.771 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

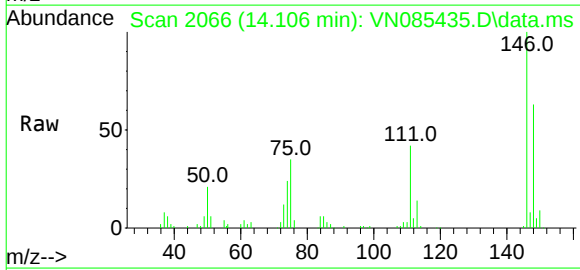
Tgt Ion:117 Resp: 30193
Ion Ratio Lower Upper
117 100
201 64.6 30.7 92.1





#91
1,2-Dichlorobenzene
Concen: 20.674 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

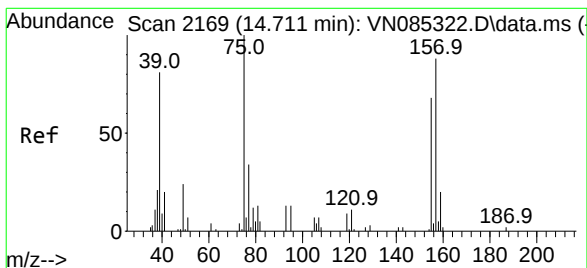
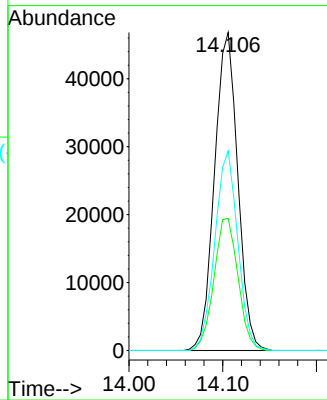
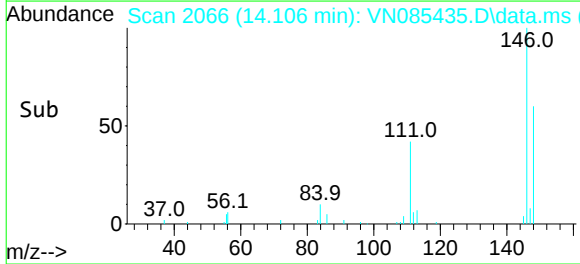
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



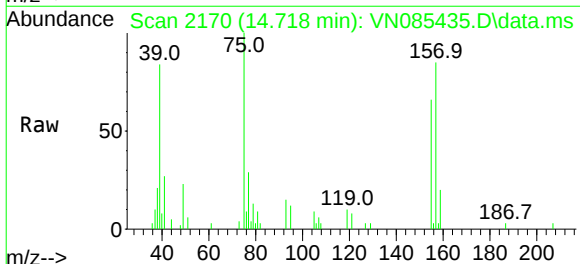
Tgt Ion:146 Resp: 80654
Ion Ratio Lower Upper
146 100
111 43.0 21.8 65.3
148 61.9 31.4 94.2

Manual Integrations
APPROVED

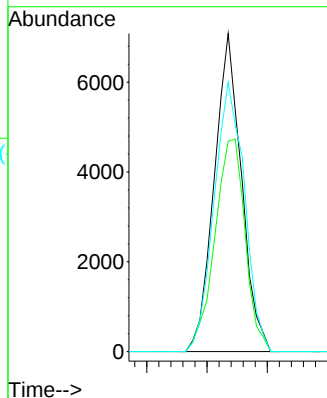
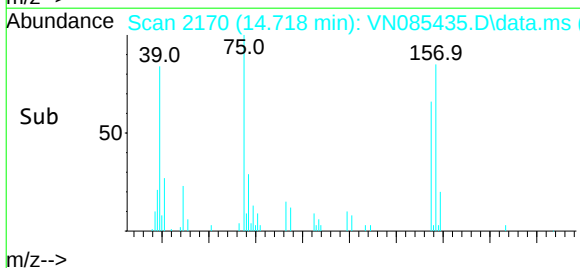
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

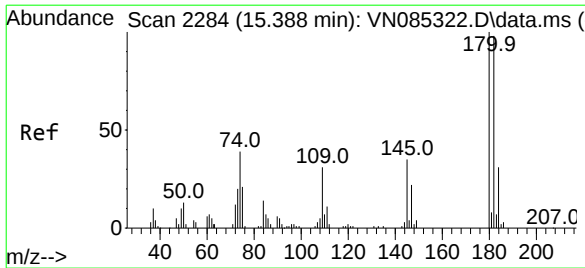


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.523 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42



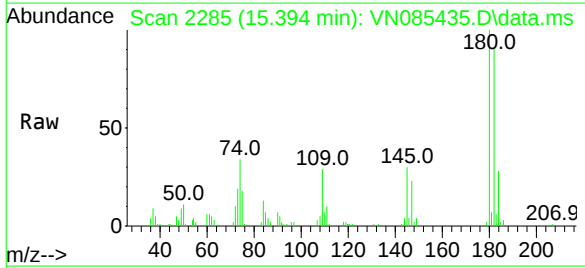
Tgt Ion: 75 Resp: 11124
Ion Ratio Lower Upper
75 100
155 74.2 35.6 106.9
157 94.5 47.0 141.0





#93
1,2,4-Trichlorobenzene
Concen: 17.675 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

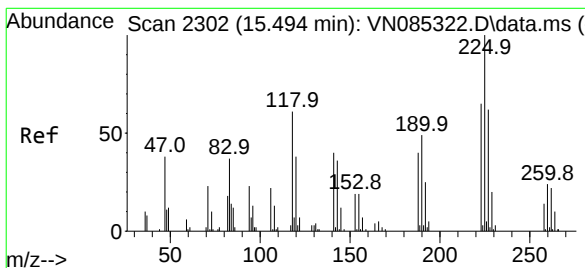
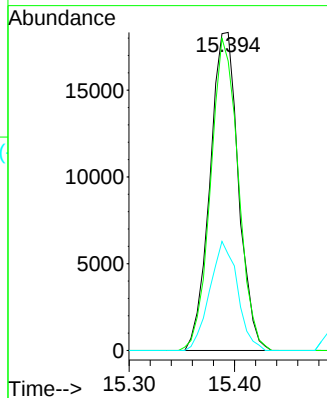
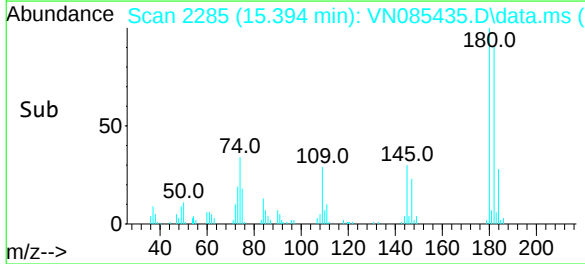
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBSD01



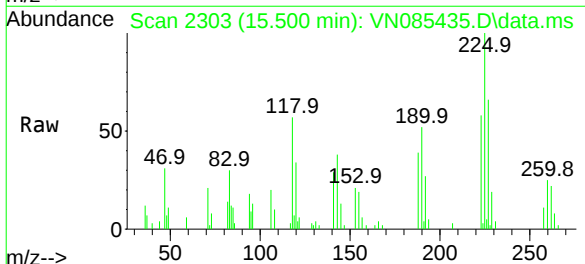
Tgt Ion:180 Resp: 34414
Ion Ratio Lower Upper
180 100
182 95.3 47.2 141.6
145 33.4 16.6 49.8

Manual Integrations
APPROVED

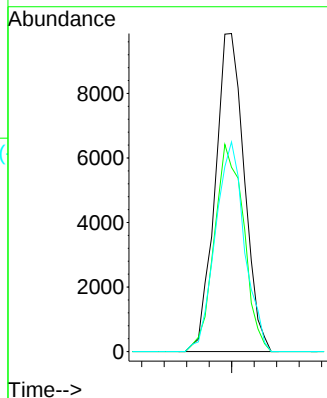
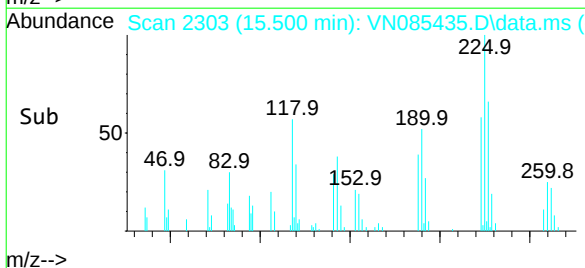
Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025

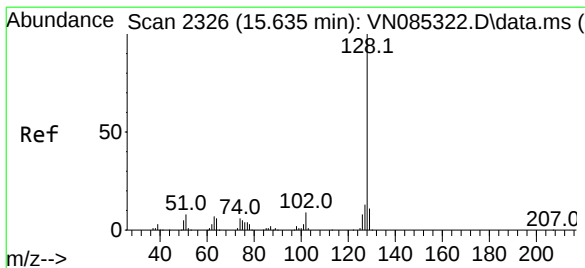


#94
Hexachlorobutadiene
Concen: 18.329 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42



Tgt Ion:225 Resp: 17732
Ion Ratio Lower Upper
225 100
223 65.6 31.6 94.7
227 66.0 30.3 91.0





#95

Naphthalene

Concen: 15.606 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

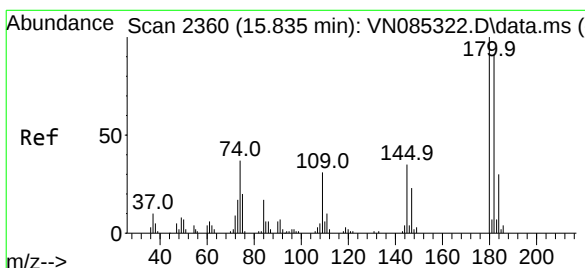
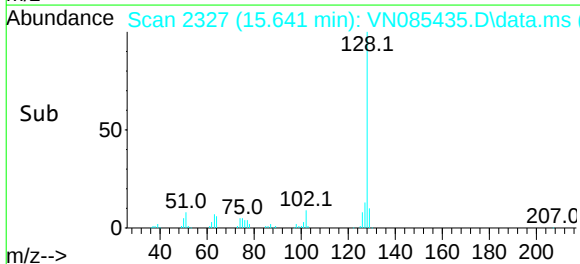
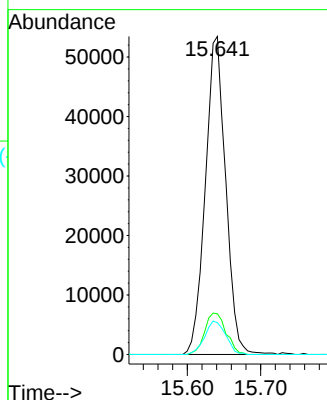
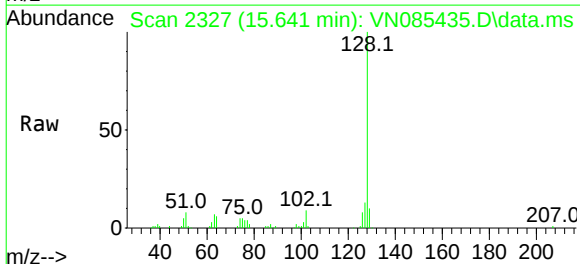
ClientSampleId :

VN0113WBSD01

Tgt Ion:	128	Resp:	103036
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	10.9	8.5	12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/14/2025
Supervised By :Mahesh Dadoda 01/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.381 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion:	180	Resp:	35758
Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.8	140.4
145	33.0	17.2	51.6

